

**Lucan to City Centre Core Bus  
Corridor Scheme**

October 2022

**Environmental  
Impact  
Assessment  
Report**

**Volume 1**  
General Arrangement  
Drawings



# BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

## LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME

### GENERAL ARRANGEMENT

DRAWING SERIES NUMBER(S)	DRAWING SERIES DESCRIPTION
BCIDA-ACM-GEO_IX-0006_XX_00-DR-CR-0001	LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. GENERAL ARRANGEMENT. COVER SHEET
BCIDA-ACM-GEO_KP-0006_XX_00-DR-CR-0001	LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. GENERAL ARRANGEMENT. KEY PLAN
BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0001 to 0031	LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. GENERAL ARRANGEMENT

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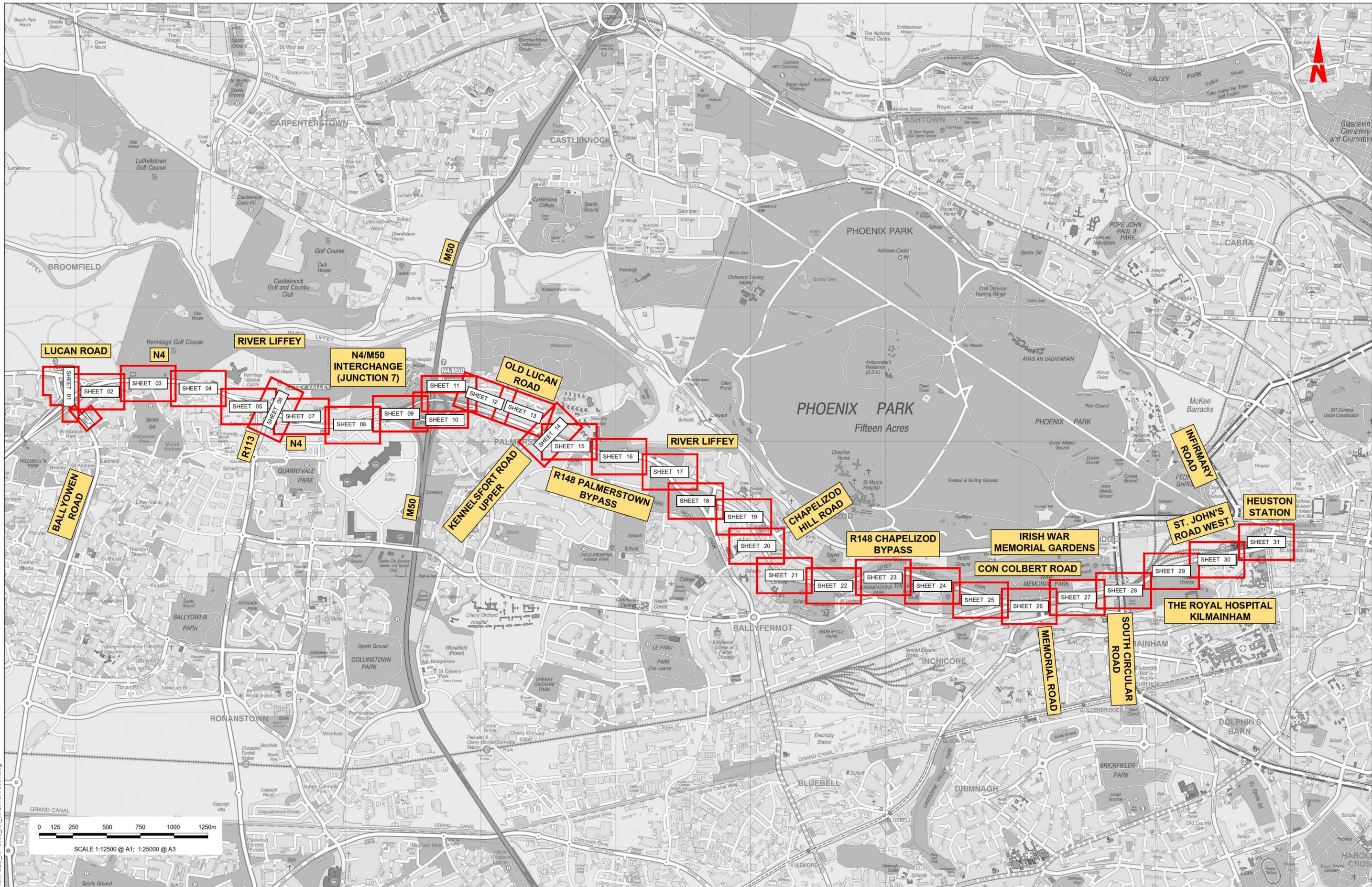
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Rev	Date	Dm	Chk'd	App'd	Description
M01	30/09/22	DS	AD	CA	ISSUE FOR PHASE 4: PLANNING

Date	30/09/22	Scale	N/A @ A1 @ A3
Project Code	BCIDA	Originator Code	ACM
Client	NTA	Engineering Designer	AECOM MOTT MACDONALD
Drawn	D.STEWART	Checked	A.T.DALE
Approved	C.ACTON		

<b>Programme Title</b> BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
<b>Drawing Title</b> LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT COVER SHEET			
Drawing File Name	BCIDA-ACM-GEO_IX-0006_XX_00-DR-CR-0001	Sheet Number	01 of 01
Status	A	Rev	M01

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Project Ireland 2040  
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Rev	Date	Dm	Chkd	App'd	Description
M01	30/09/22	DS	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
 Údárás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 30/09/22  
 Scale: 1:12500 @ A1  
 1:25000 @ A3

Project Code: BCIDA  
 Originator Code: ACM

Drawn: D STEWART  
 Checked: A T DALE  
 Approved: C ACTON

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: **LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT KEY PLAN**

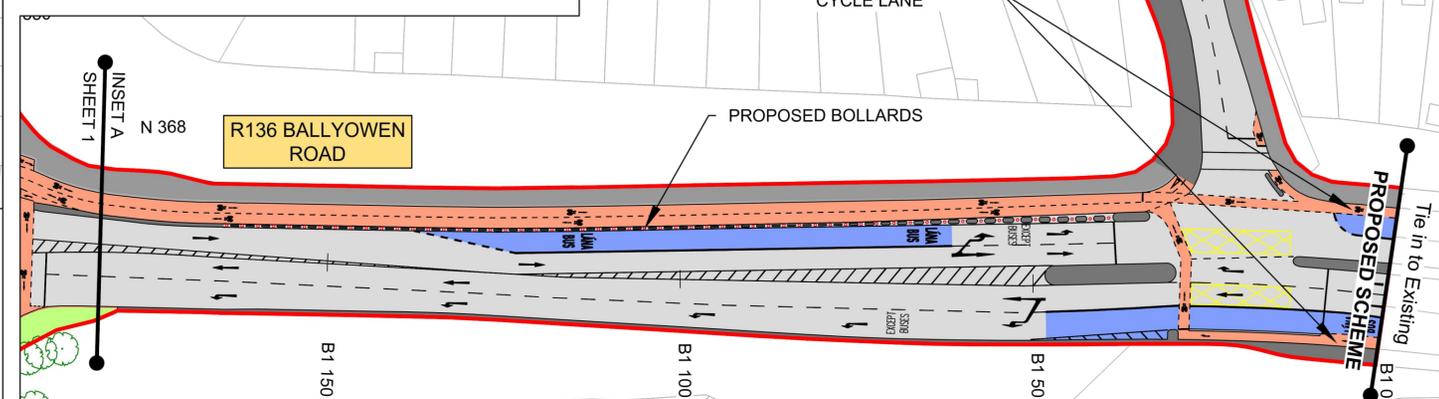
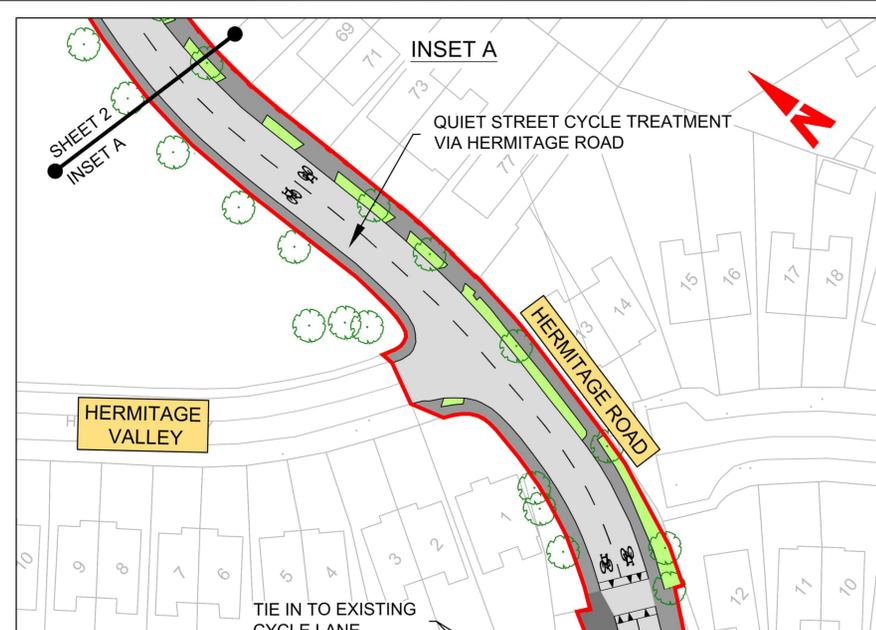
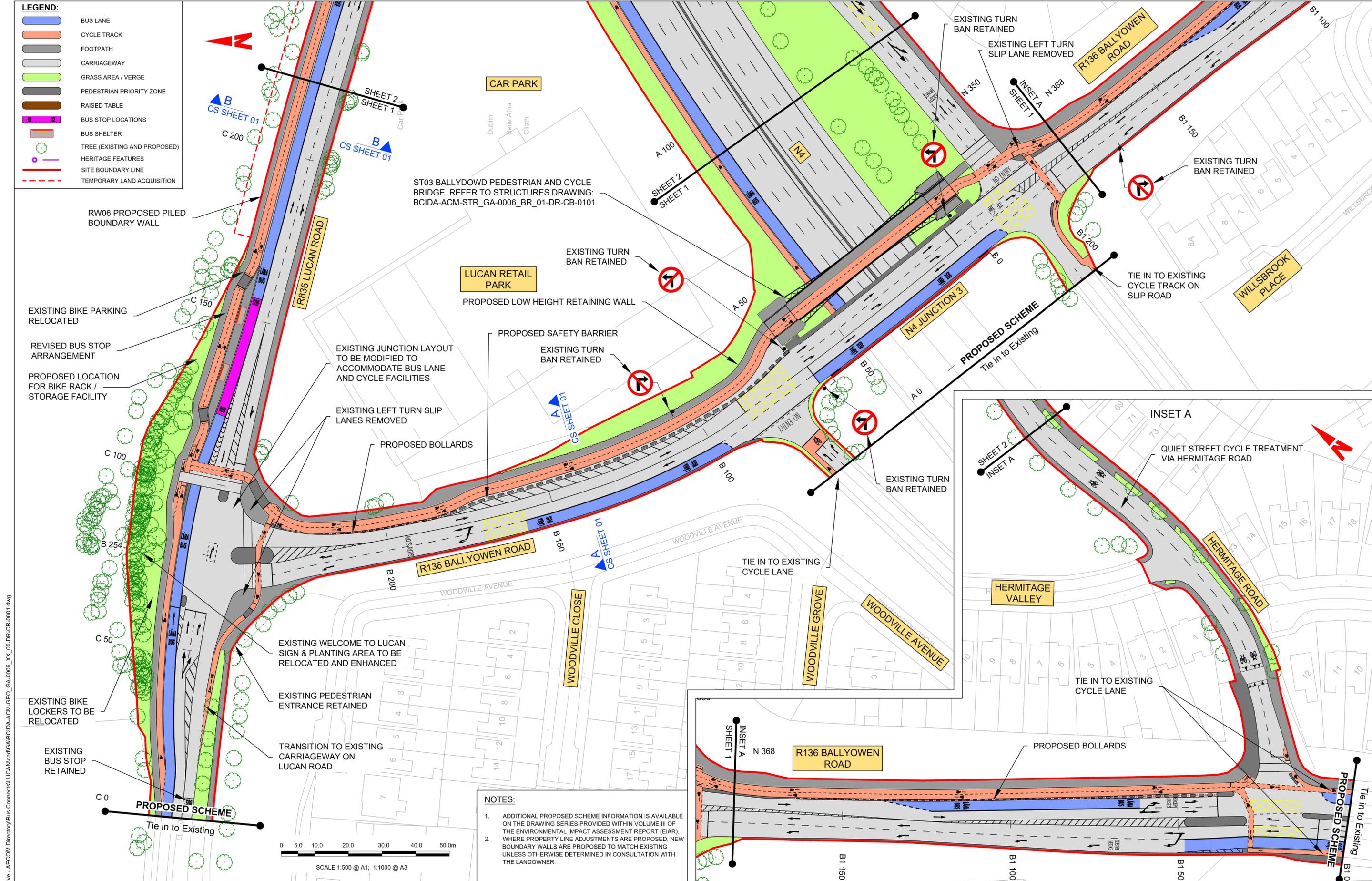
Drawing File Name: BCIDA-ACM-GEO\_KP-0006\_XX\_00-DR-CR-0002

Sheet Number: 01 of 01  
 Status: A  
 Rev: M01

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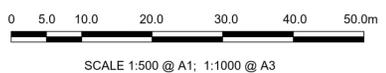
**LEGEND:**

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



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M01	30/09/22	DS	AD	CA	ISSUE FOR PHASE 4: PLANNING

**Client:** NTA Údarás Náisiúnta Iompair National Transport Authority

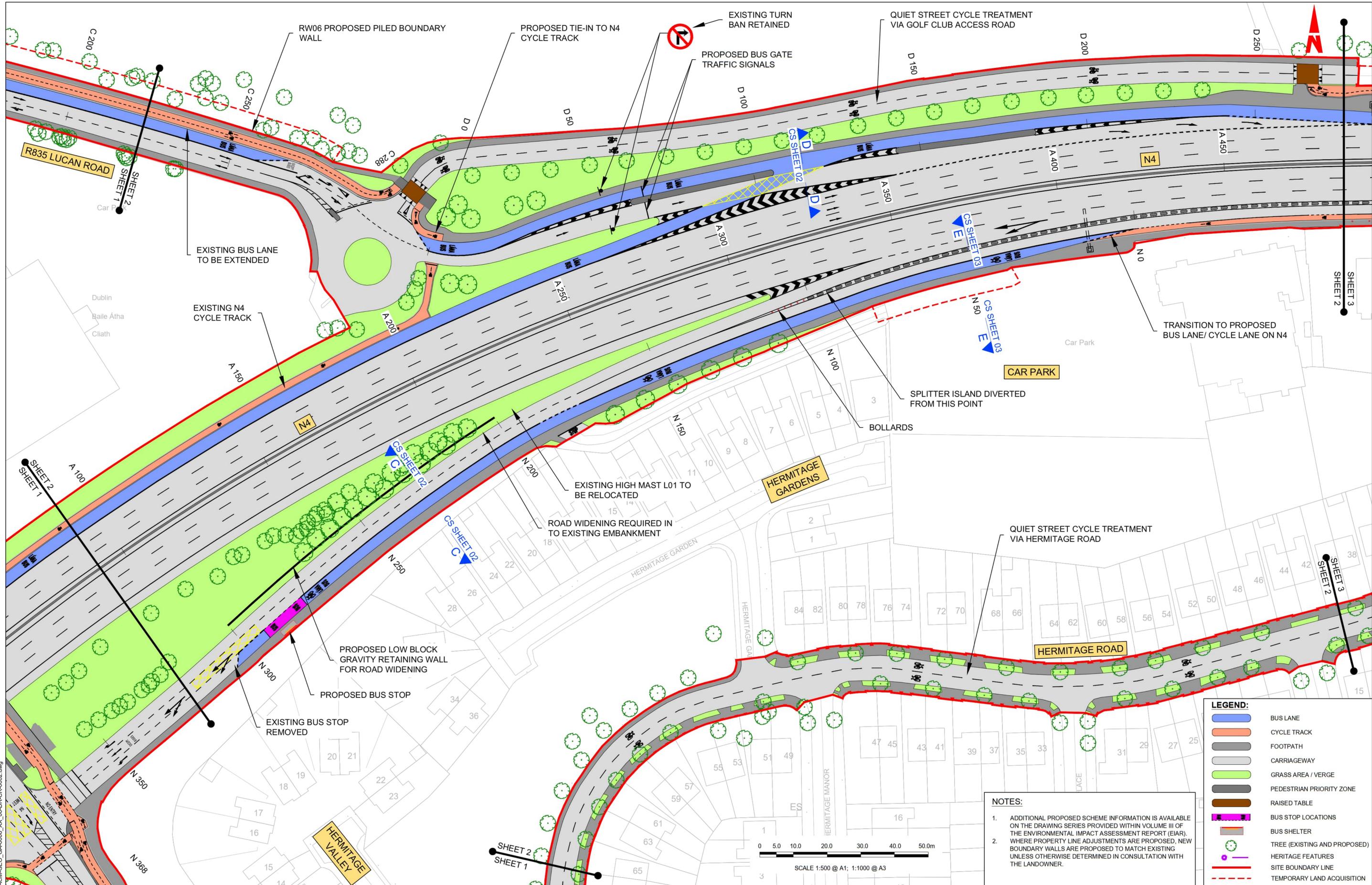
**Engineering Designer:** AECOM MOTT MACDONALD

**Date:** 30/09/22  
**Scale:** 1:500 @ A1, 1:1000 @ A3  
**Drawn:** D.STEWART  
**Checked:** A.T.DALE  
**Approved:** C.ACTON

**Project Code:** BCIDA  
**Originator Code:** ACM  
**QMS Code:**

<b>Programme Title</b> BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
<b>Drawing Title</b> LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT			
<b>Drawing File Name</b> BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0001	<b>Sheet Number</b> 01 of 31	<b>Status</b> A	<b>Rev</b> M01

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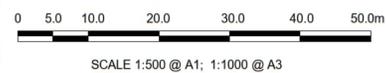


**LEGEND:**

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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Client: **NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer: **AECOM** MOTT MACDONALD

Date: 30/09/22  
Scale: 1:500 @ A1, 1:1000 @ A3

Drawn: D STEWART  
Checked: A.T DALE  
Approved: C.ACTON

Project Code: BCIDA  
Originator Code: ACM

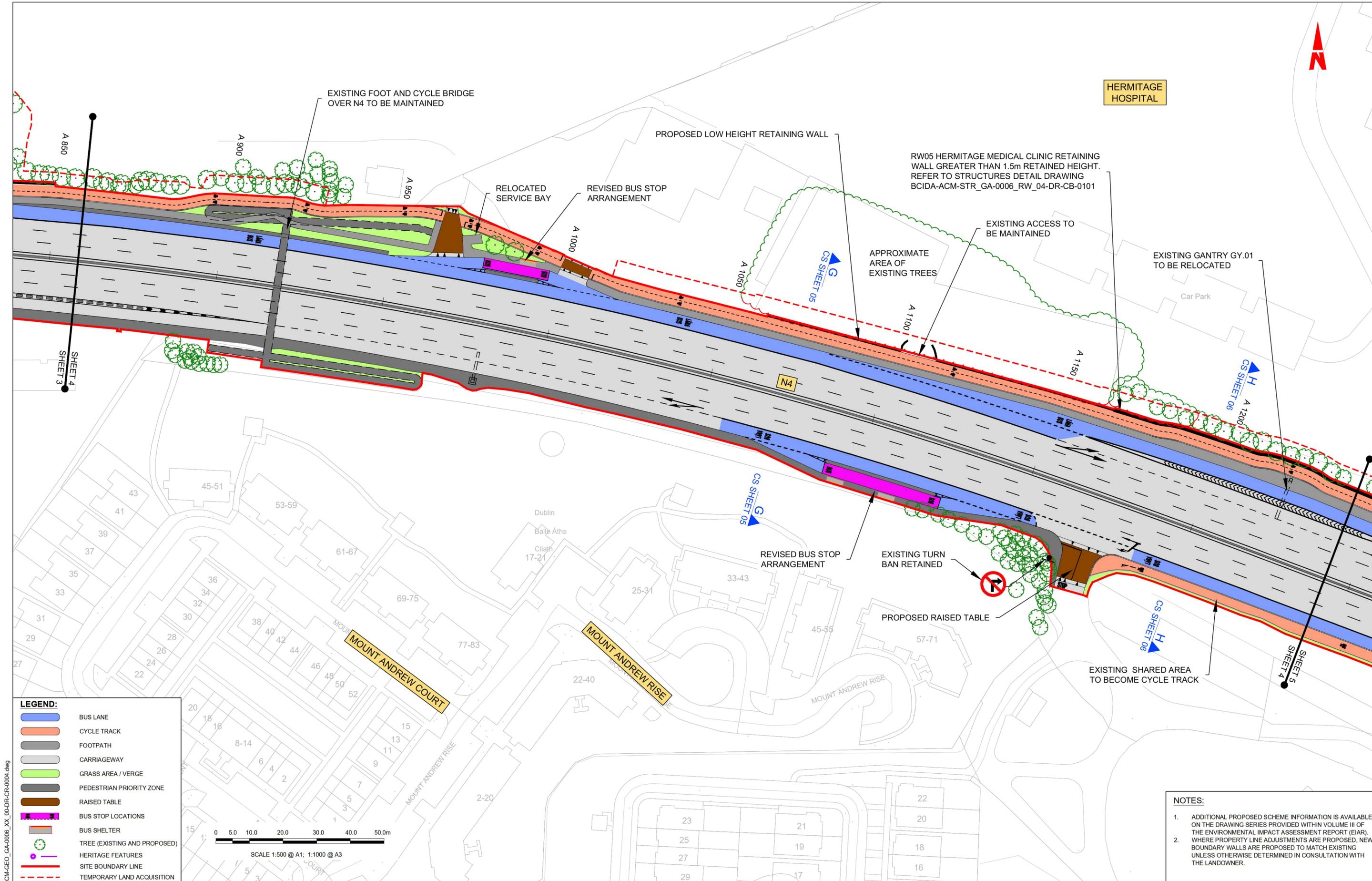
Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: **LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT**

Drawing File Name: BCIDA-ACM-GEO\_GA-0006\_XX\_00-DR-CR-0002

Sheet Number: 02 of 31  
Status: A  
Rev: M01





- LEGEND:**
- BUS LANE
  - CYCLE TRACK
  - FOOTPATH
  - CARRIAGEWAY
  - GRASS AREA / VERGE
  - PEDESTRIAN PRIORITY ZONE
  - RAISED TABLE
  - BUS STOP LOCATIONS
  - BUS SHELTER
  - TREE (EXISTING AND PROPOSED)
  - HERITAGE FEATURES
  - SITE BOUNDARY LINE
  - TEMPORARY LAND ACQUISITION

- NOTES:**
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Údarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 30/09/22 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: D STEWART | Checked: A.T DALE | Approved: C.ACTON

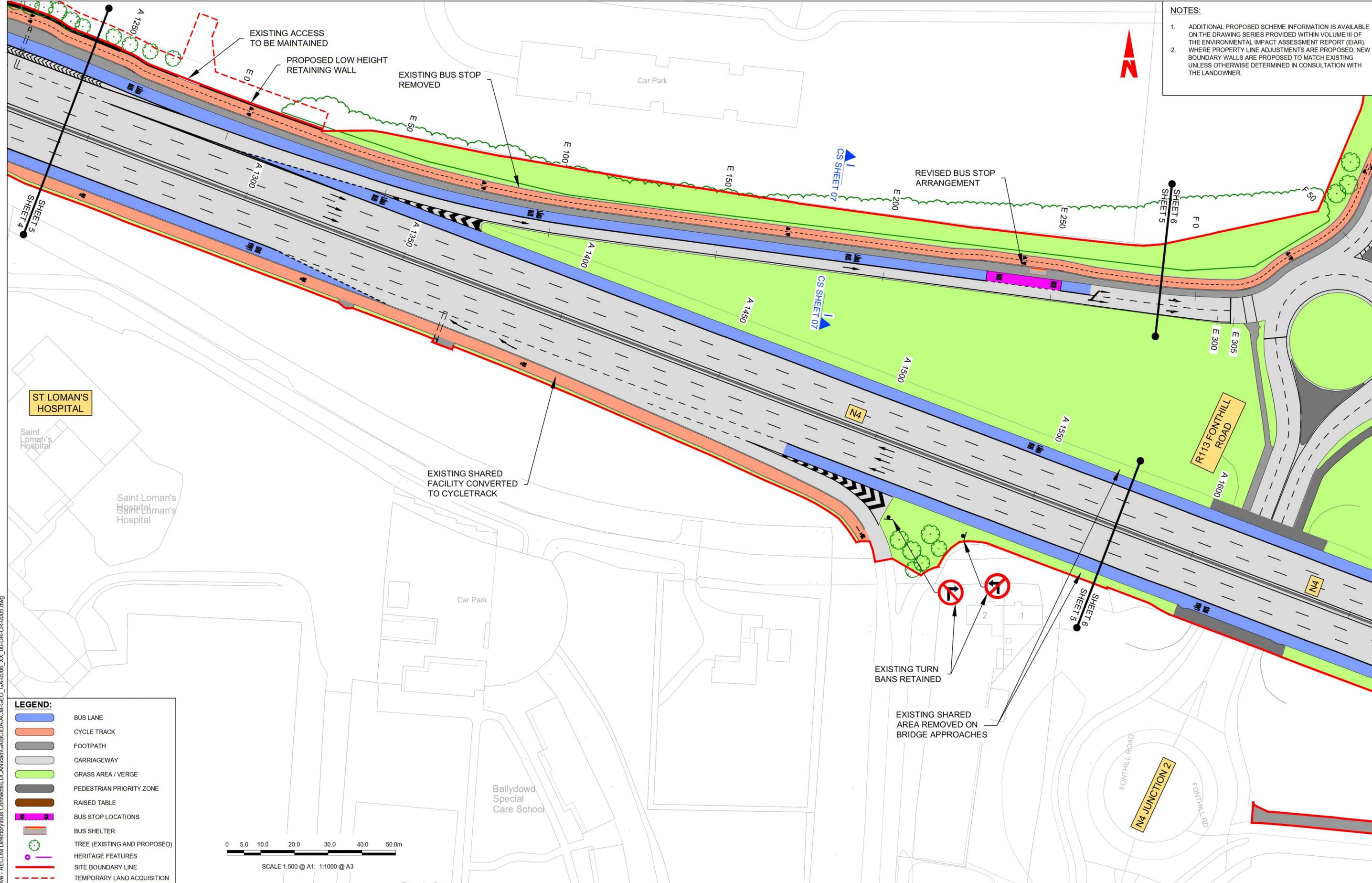
Project Code: BCIDA | Originator Code: ACM | QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT</b>			
Drawing File Name: BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0004	Sheet Number: 04 of 31	Status: A	Rev: M01

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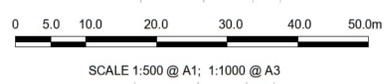
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**LEGEND:**

	BUS LANE
	CYCLE TRACK
	FOOTPATH
	CARRIAGEWAY
	GRASS AREA / VERGE
	PEDESTRIAN PRIORITY ZONE
	RAISED TABLE
	BUS STOP LOCATIONS
	BUS SHELTER
	TREE (EXISTING AND PROPOSED)
	HERITAGE FEATURES
	SITE BOUNDARY LINE
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Client: **Údarás Náisiúnta Iompair**  
National Transport Authority

Engineering Designer: **MOTT MACDONALD**

Date: 30/09/22  
Scale: 1:500 @ A1, 1:1000 @ A3  
Project Code: BCIDA  
Originator Code: ACM

Drawn: D.STEWART  
Checked: A.T.DALE  
QMS Code:

Approved: C.ACTON

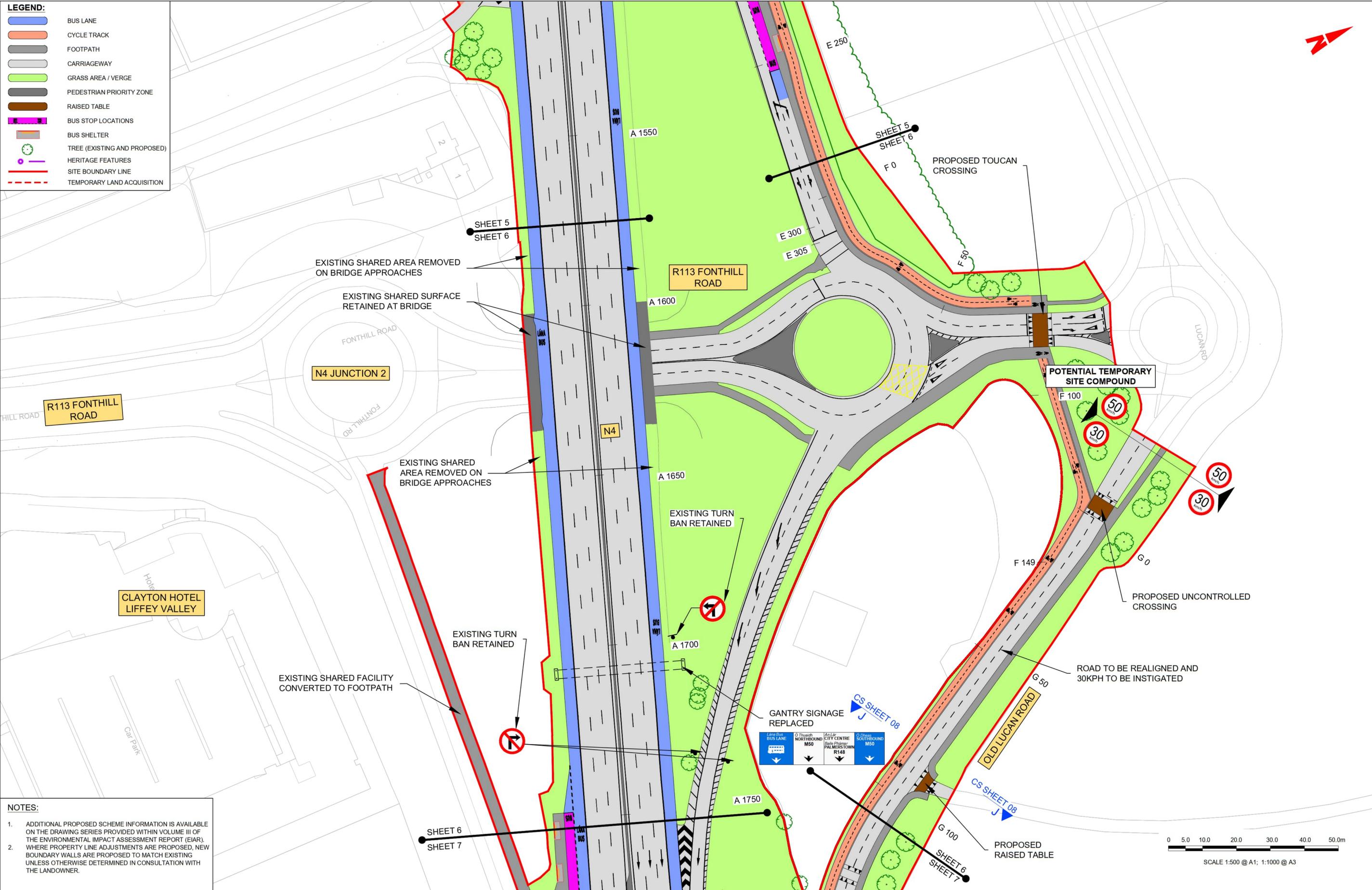
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CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
Drawing Title: LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT			
Drawing File Name: BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0005	Sheet Number: 05 of 31	Status: A	Rev: M01

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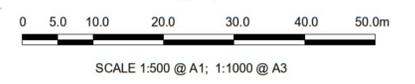
**LEGEND:**

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
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- SITE BOUNDARY LINE
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Client: **NTA** Údarás Náisiúnta Iompair National Transport Authority

Date: 30/09/22

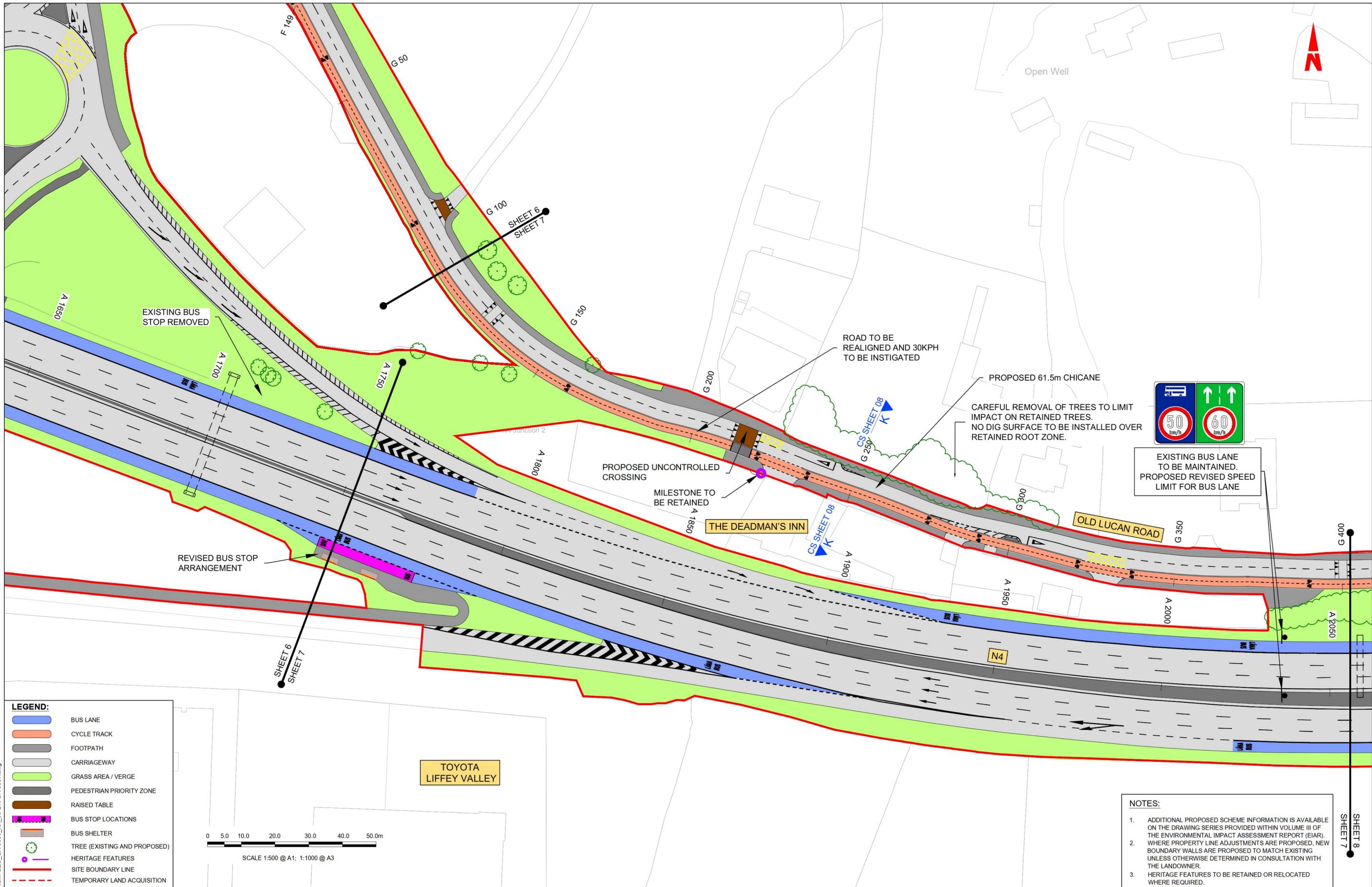
Scale: 1:500 @ A1, 1:1000 @ A3

Drawn: D.STEWART, Checked: A.T.DALE, Approved: C.ACTON

Project Code: BCIDA, Originator Code: ACM

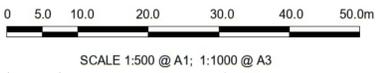
Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT</b>			
Drawing File Name: BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0006	Sheet Number: 06 of 31	Status: A	Rev: M01

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EXISTING BUS LANE TO BE MAINTAINED. PROPOSED REVISED SPEED LIMIT FOR BUS LANE

- LEGEND:**
- BUS LANE
  - CYCLE TRACK
  - FOOTPATH
  - CARRIAGEWAY
  - GRASS AREA / VERGE
  - PEDESTRIAN PRIORITY ZONE
  - RAISED TABLE
  - BUS STOP LOCATIONS
  - BUS SHELTER
  - TREE (EXISTING AND PROPOSED)
  - HERITAGE FEATURES
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  - TEMPORARY LAND ACQUISITION



- NOTES:**
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  2. WHERE PROPERTY LINE ADJUSTMENTS ARE PROPOSED, NEW BOUNDARY WALLS ARE PROPOSED TO MATCH EXISTING UNLESS OTHERWISE DETERMINED IN CONSULTATION WITH THE LANDOWNER.
  3. HERITAGE FEATURES TO BE RETAINED OR RELOCATED WHERE REQUIRED.

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Rev	Date	Dm	Chk'd	App'd	Description
M01	30/09/22	DS	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 30/09/22  
 Scale: 1:500 @ A1, 1:1000 @ A3  
 Drawn: D STEWART  
 Checked: A.T DALE  
 Approved: C. ACTON

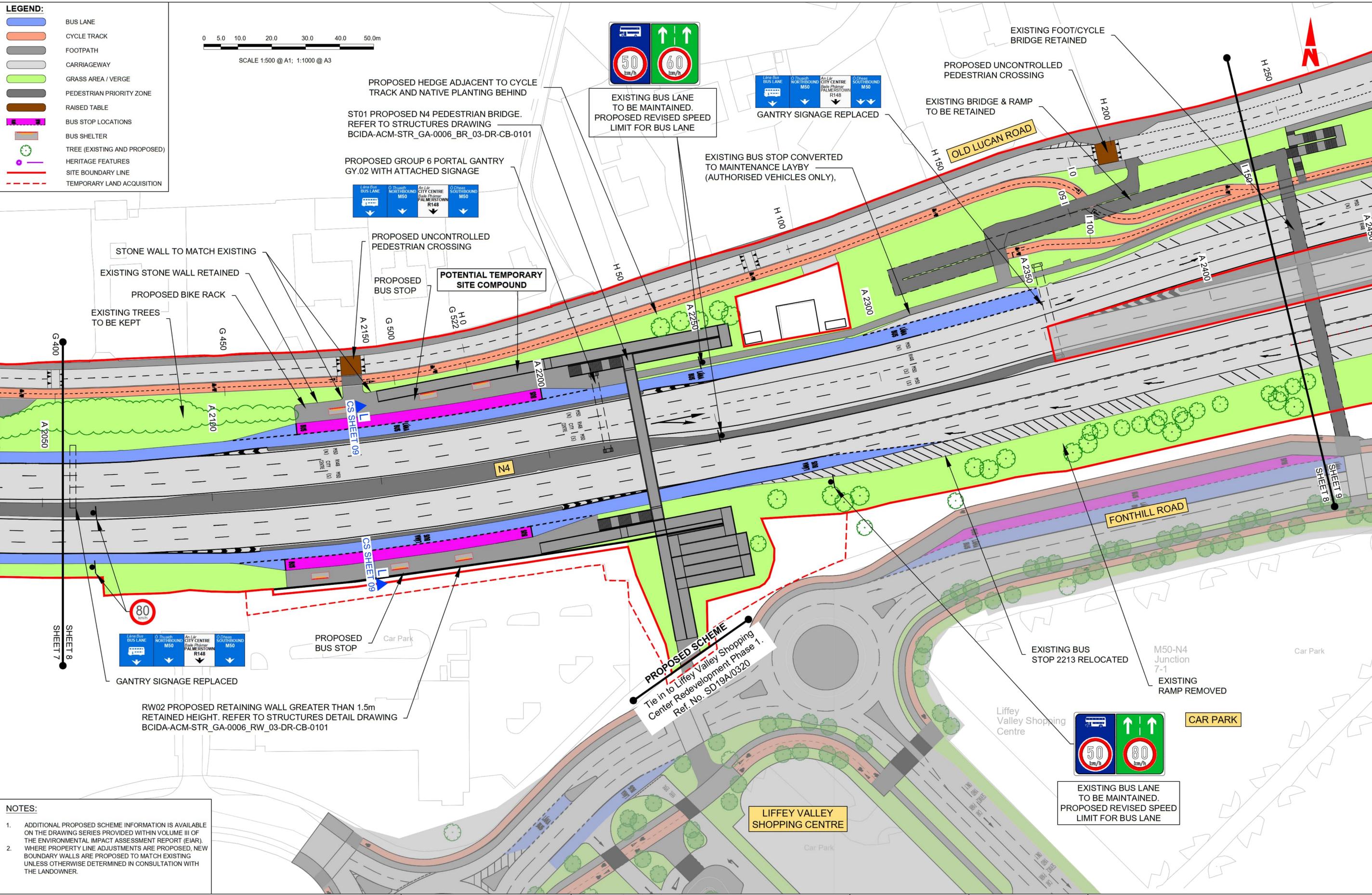
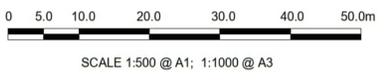
Project Code: BCIDA  
 Originator Code: ACM  
 QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT</b>			
Drawing File Name: BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0007	Sheet Number: 07 of 31	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

**LEGEND:**

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



EXISTING BUS LANE TO BE MAINTAINED. PROPOSED REVISED SPEED LIMIT FOR BUS LANE

GANTRY SIGNAGE REPLACED

ST01 PROPOSED N4 PEDESTRIAN BRIDGE. REFER TO STRUCTURES DRAWING BCIDA-ACM-STR\_GA-0006\_BR\_03-DR-CB-0101

PROPOSED GROUP 6 PORTAL GANTRY GY.02 WITH ATTACHED SIGNAGE

EXISTING BUS STOP CONVERTED TO MAINTENANCE LAYBY (AUTHORISED VEHICLES ONLY)

PROPOSED UNCONTROLLED PEDESTRIAN CROSSING

POTENTIAL TEMPORARY SITE COMPOUND

PROPOSED BUS STOP

STONE WALL TO MATCH EXISTING

EXISTING STONE WALL RETAINED

PROPOSED BIKE RACK

EXISTING TREES TO BE KEPT

80 km/h

PROPOSED BUS STOP

RW02 PROPOSED RETAINING WALL GREATER THAN 1.5m RETAINED HEIGHT. REFER TO STRUCTURES DETAIL DRAWING BCIDA-ACM-STR\_GA-0006\_RW\_03-DR-CB-0101

PROPOSED SCHEME Tie in to Liffey Valley Shopping Center Redevelopment Phase 1. Ref. No. SD19A/0320

EXISTING BUS STOP 2213 RELOCATED

M50-N4 Junction 7-1

EXISTING RAMP REMOVED

EXISTING BUS LANE TO BE MAINTAINED. PROPOSED REVISED SPEED LIMIT FOR BUS LANE

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Rev	Date	Dm	Chk'd	App'd	Description
M01	30/09/22	DS	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA** Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: **AECOM** MOTT MACDONALD

Date: 30/09/22 Scale: 1:500 @ A1, 1:1000 @ A3

Project Code: BCIDA Originator Code: ACM

Drawn: D STEWART Checked: A T DALE Approved: C ACTON

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: **LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT**

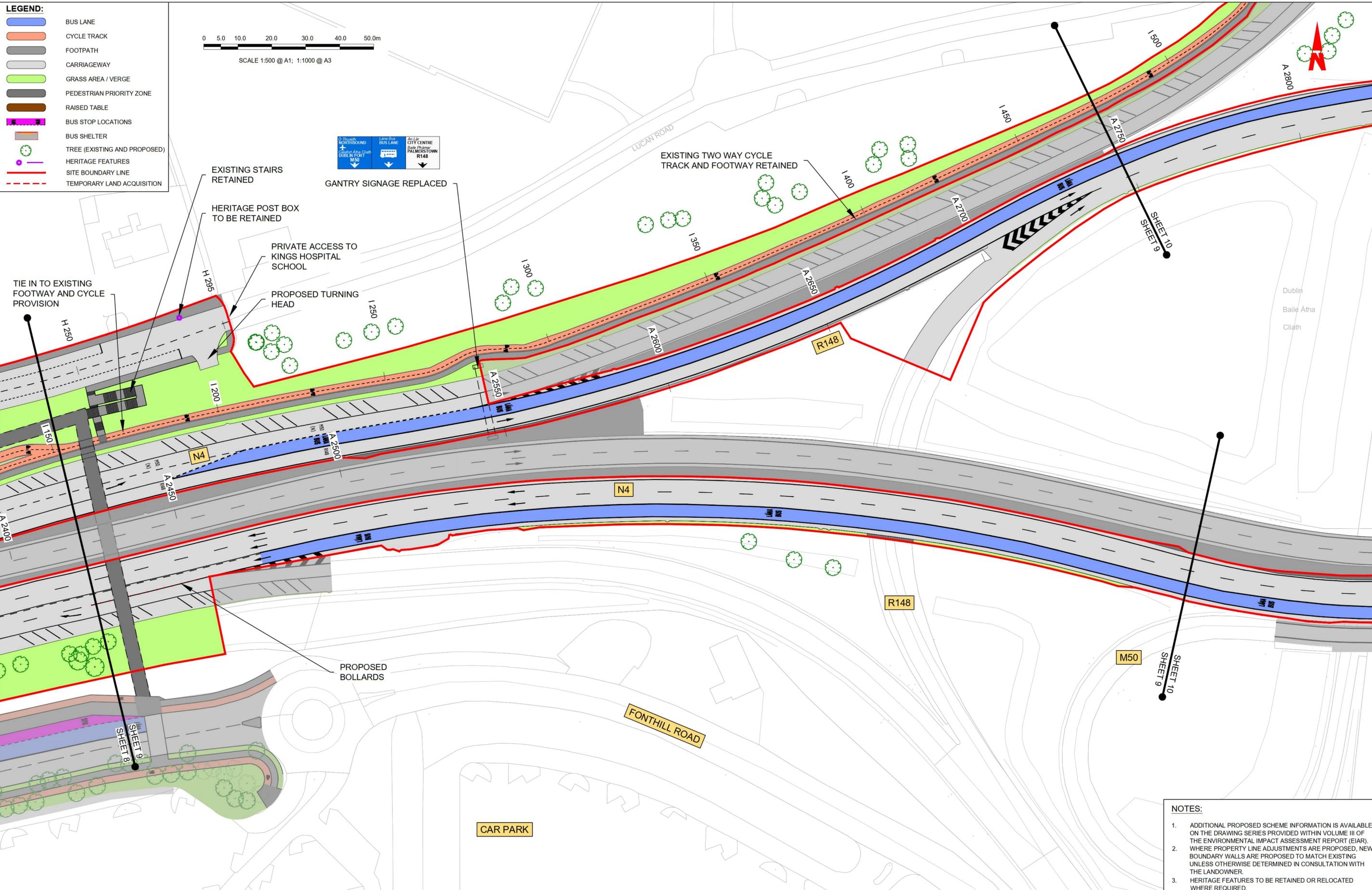
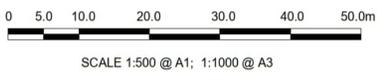
Drawing File Name: BCIDA-ACM-GEO\_GA-0006\_XX\_00-DR-CR-0008

Sheet Number: 08 of 31 Status: A Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

**LEGEND:**

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



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Client: **NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer: **AECOM** MOTT MACDONALD

Date: 30/09/22  
 Scale: 1:500 @ A1, 1:1000 @ A3

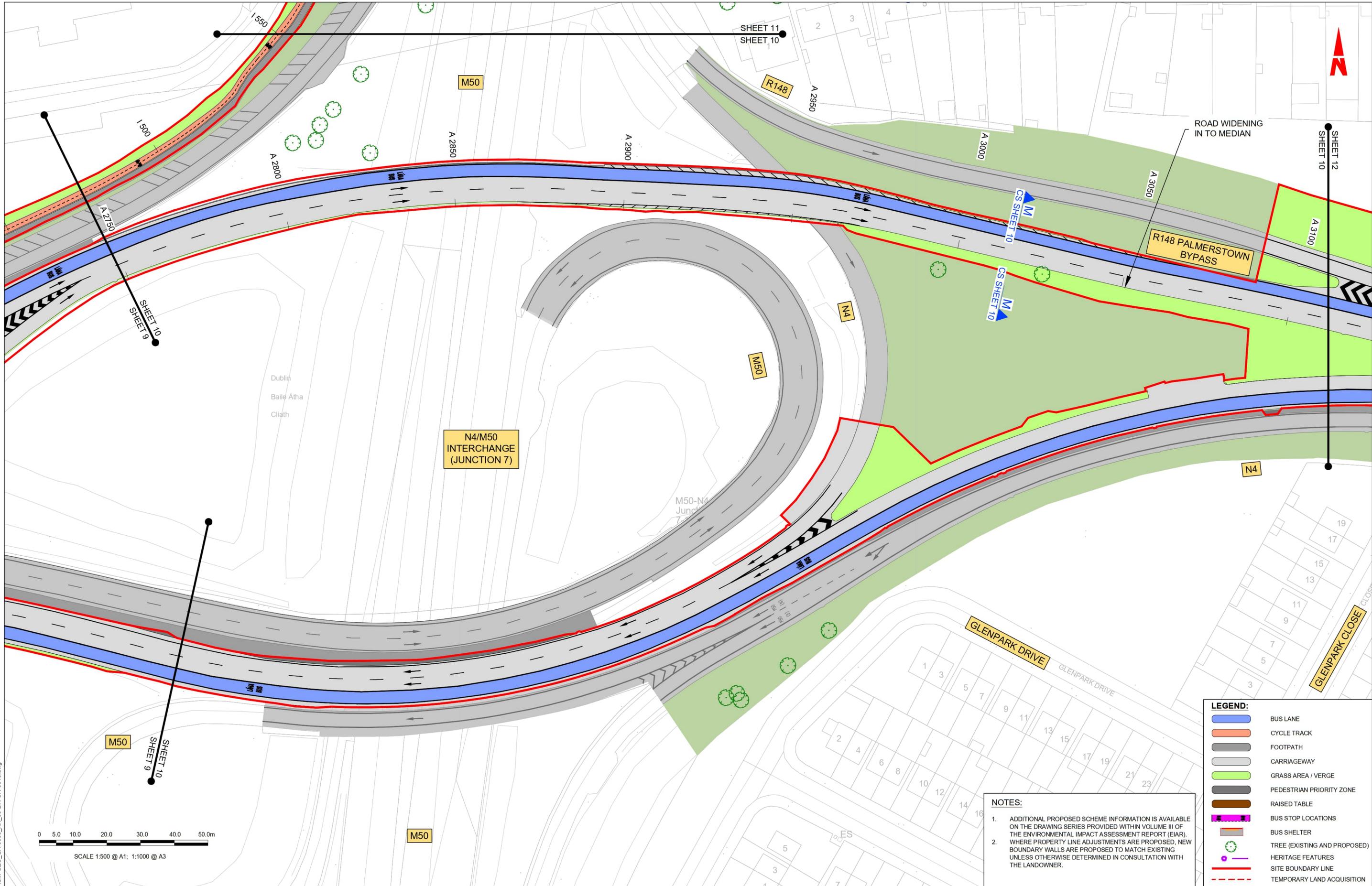
Project Code: BCIDA  
 Originator Code: ACM

Drawn: D STEWART  
 Checked: A.T DALE  
 Approved: C.ACTON

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT</b>			
Drawing File Name: BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0009	Sheet Number: 09 of 31	Status: A	Rev: M01

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**LEGEND:**

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
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- TEMPORARY LAND ACQUISITION

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**Project Ireland 2040**  
Building Ireland's Future

Rev	Date	Dm	Chk'd	App'd	Description
M01	30/09/22	DS	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 30/09/22  
Scale: 1:500 @ A1, 1:1000 @ A3

Drawn: D STEWART  
Checked: A.T DALE  
Approved: C.ACTON

Project Code: BCIDA  
Originator Code: ACM

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: **LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT**

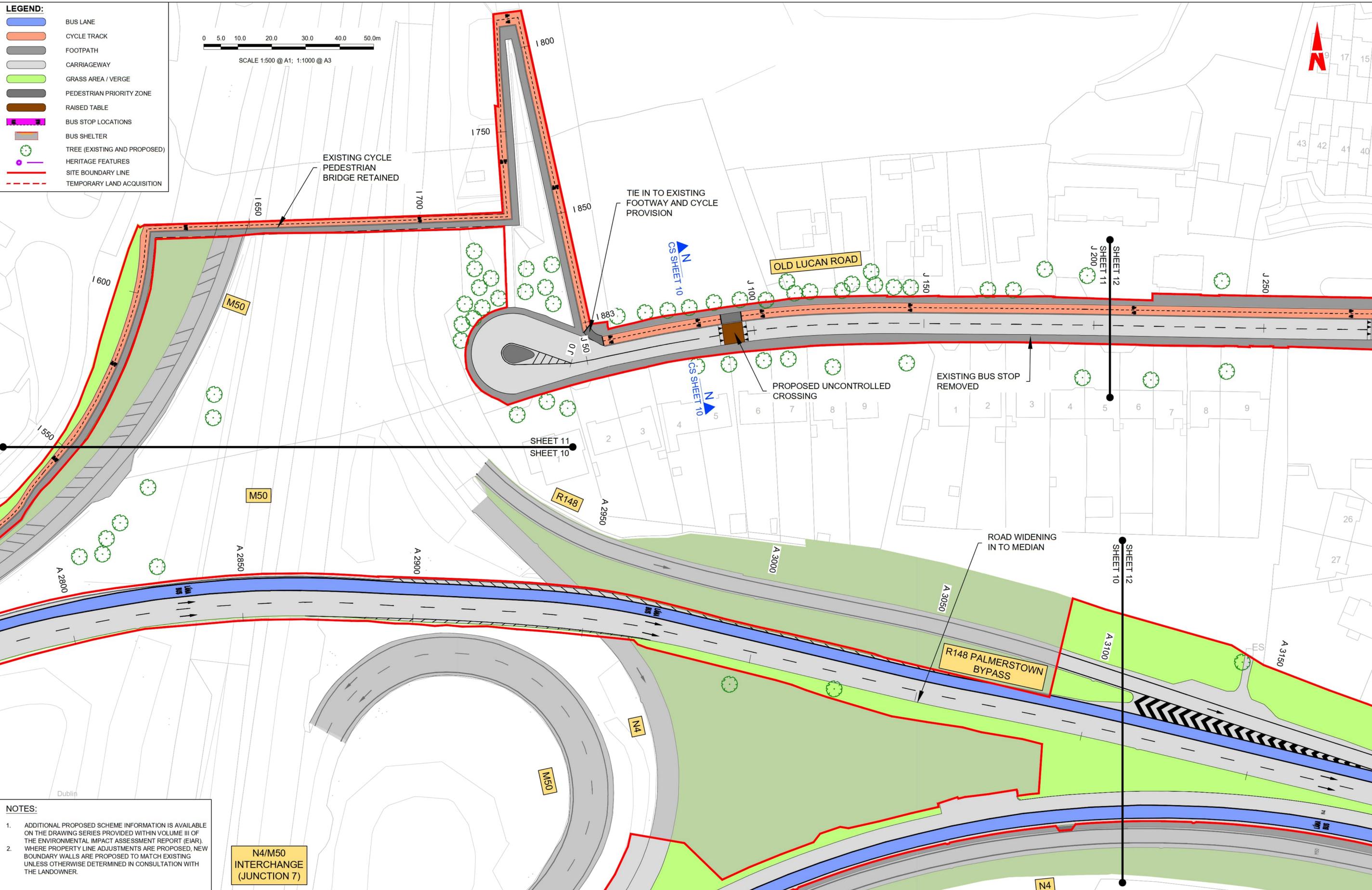
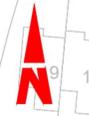
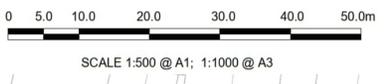
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Sheet Number: 10 of 31  
Status: A  
Rev: M01

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**LEGEND:**

-  BUS LANE
-  CYCLE TRACK
-  FOOTPATH
-  CARRIAGEWAY
-  GRASS AREA / VERGE
-  PEDESTRIAN PRIORITY ZONE
-  RAISED TABLE
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**N4/M50 INTERCHANGE (JUNCTION 7)**

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Rev	Date	Dm	Chk'd	App'd	Description
M01	30/09/22	DS	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client  
**NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer  
**AECOM** **MOTT MACDONALD**

Programme Title  
**BUSCONNECTS DUBLIN  
CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title  
**LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
GENERAL ARRANGEMENT**

Date: 30/09/22 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: D STEWART | Checked: A.T DALE | Approved: C.ACTON

Project Code: BCIDA | Originator Code: ACM | QMS Code: | Drawing File Name: BCIDA-ACM-GEO\_GA-0006\_XX\_00-DR-CR-0011 | Sheet Number: 11 of 31 | Status: A | Rev: M01

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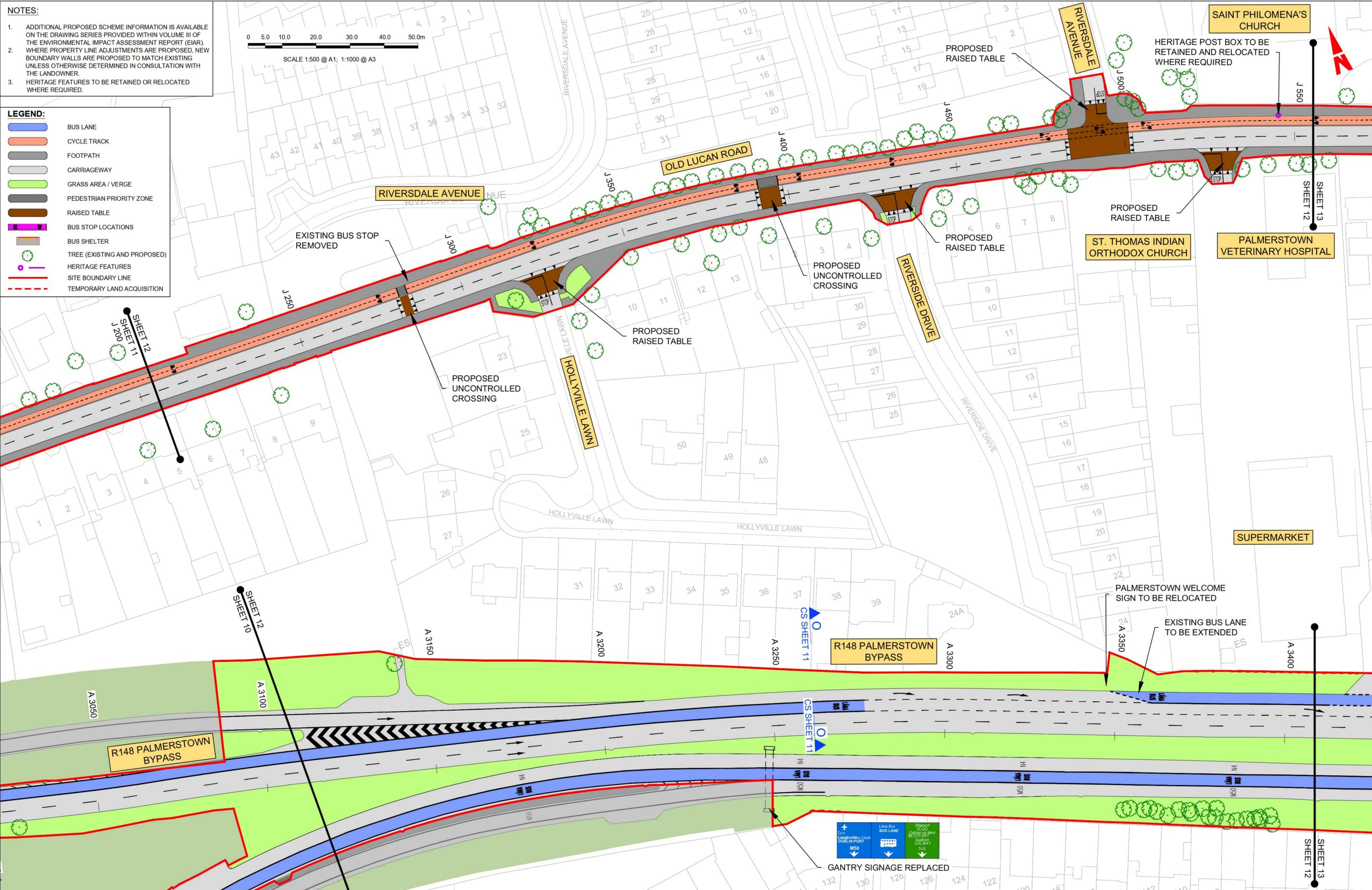
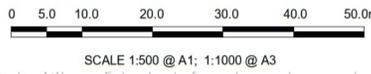
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**LEGEND:**

- BUS LANE
- CYCLE TRACK
- FOOTPATH
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Rev	Date	Dm	Chk'd	App'd	Description
M01	30/09/22	DS	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer: **AECOM**, **MOTT MACDONALD**

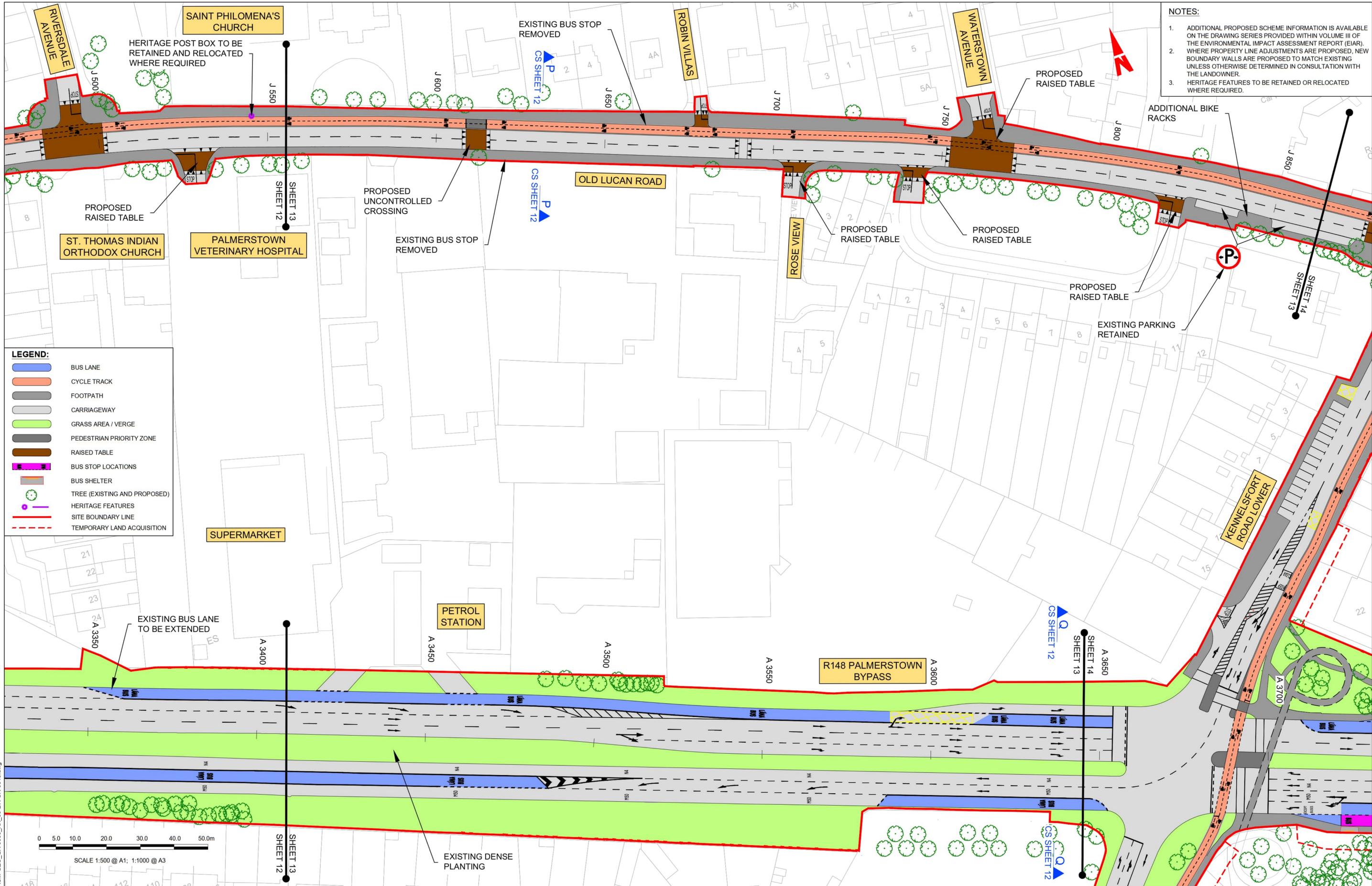
Date: 30/09/22  
Scale: 1:500 @ A1, 1:1000 @ A3  
Project Code: BCIDA, Originator Code: ACM

Drawn: D.STEWART, Checked: A.T.DALE, Approved: C.ACTON

Programme Title: <b>BUSCONNECTS DUBLIN</b>			
Drawing Title: <b>CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing File Name: LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT			
Sheet Number: 12 of 31	Status: A	Rev: M01	

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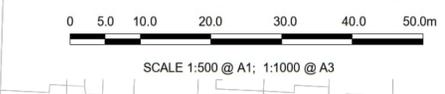


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**LEGEND:**

	BUS LANE
	CYCLE TRACK
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	BUS STOP LOCATIONS
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Rev	Date	Dm	Chk'd	App'd	Description
M01	30/09/22	DS	AD	CA	ISSUE FOR PHASE 4: PLANNING

**Client**  
  
 Údarás Náisiúnta Iompair  
 National Transport Authority

**Engineering Designer**  
  
 MOTT  
 MACDONALD

**Programme Title**  
**BUSCONNECTS DUBLIN**  
**CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

**Drawing Title**  
 LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
 GENERAL ARRANGEMENT

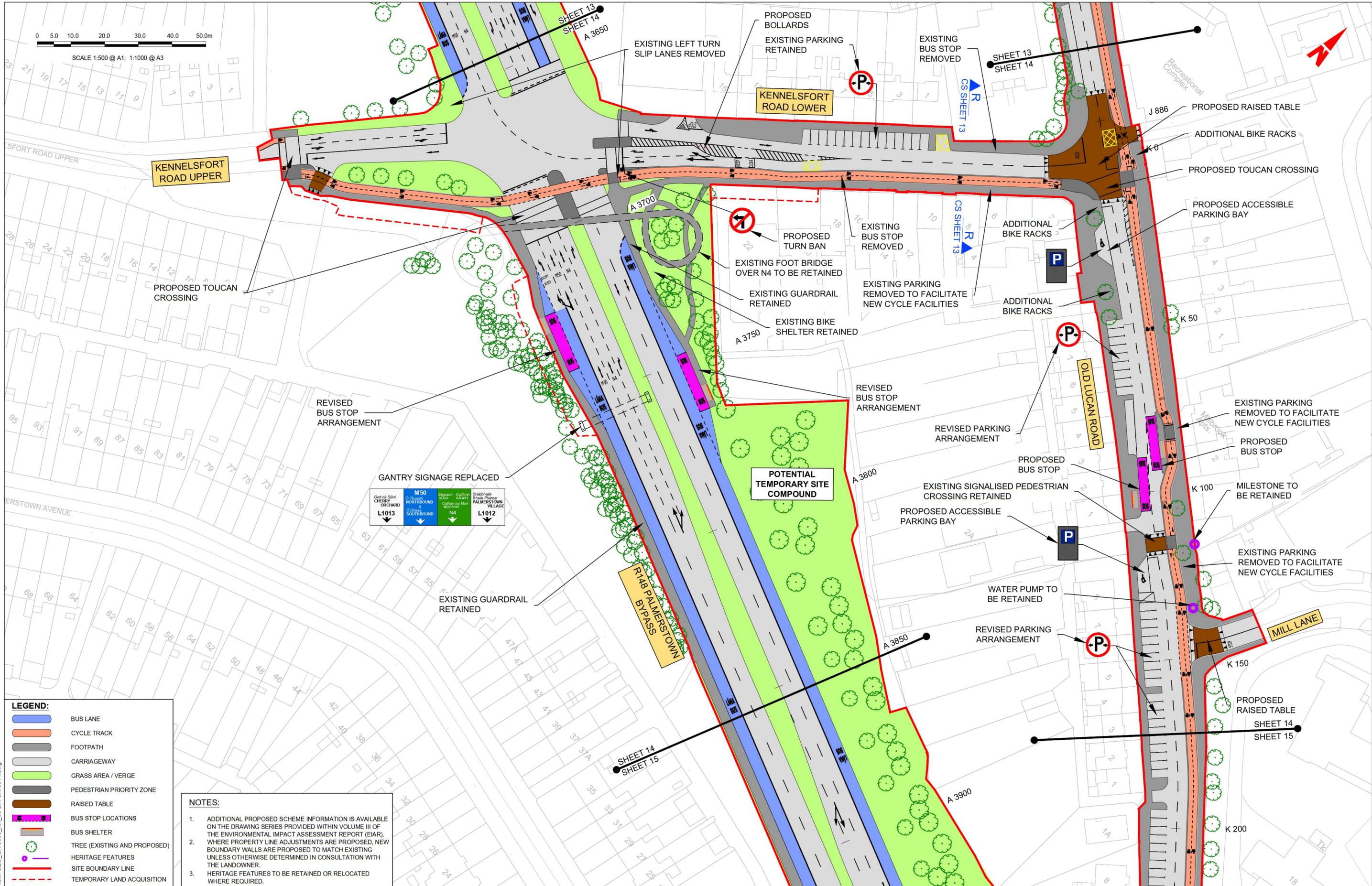
Date	Scale	Drawn	Checked	Approved
30/09/22	1:500 @ A1 1:1000 @ A3	D STEWART	A.T DALE	C.ACTON
Project Code	Originator Code	QMS Code		
BCIDA	ACM			

Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0013	13 of 31	A	M01

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SCALE 1:500 @ A1; 1:1000 @ A3



**LEGEND:**

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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M01	30/09/22	DS	AD	CA	ISSUE FOR PHASE 4: PLANNING

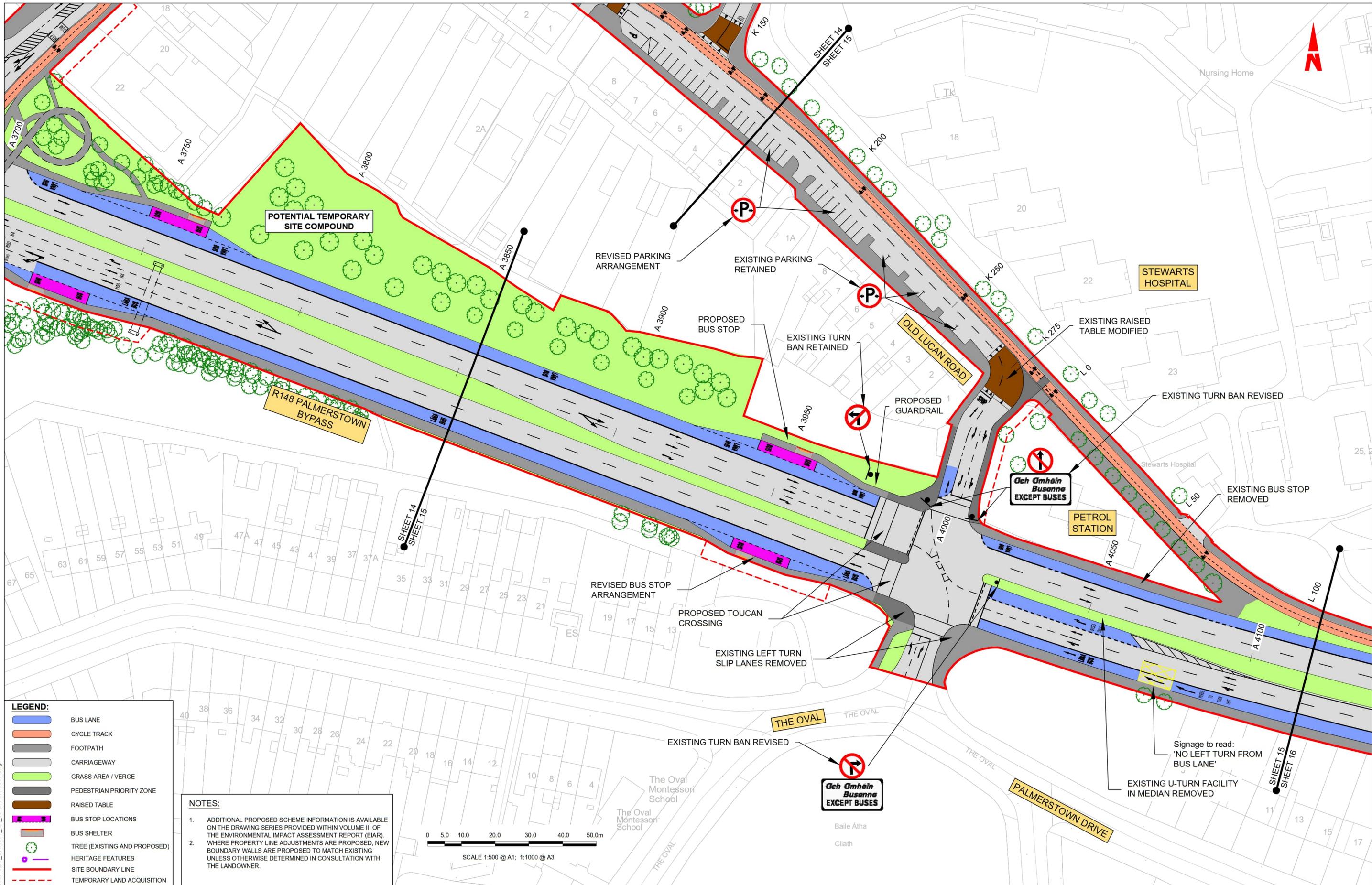
**NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

**AECOM**  
MOTT  
MACDONALD

Date	30/09/22	Scale	1:500 @ A1 1:1000 @ A3	Drawn	D STEWART	Checked	A T DALE	Approved	C ACTON
Project Code	BCIDA	Originator Code	ACM	QMS Code					

Client		Engineering Designer		Programme Title	
NTA		AECOM MOTT MACDONALD		BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Drawing Title		Drawing File Name		Sheet Number	
LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT		BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0014		14 of 31	
Status		Rev			
A		M01			

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**LEGEND:**

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

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Client: **NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

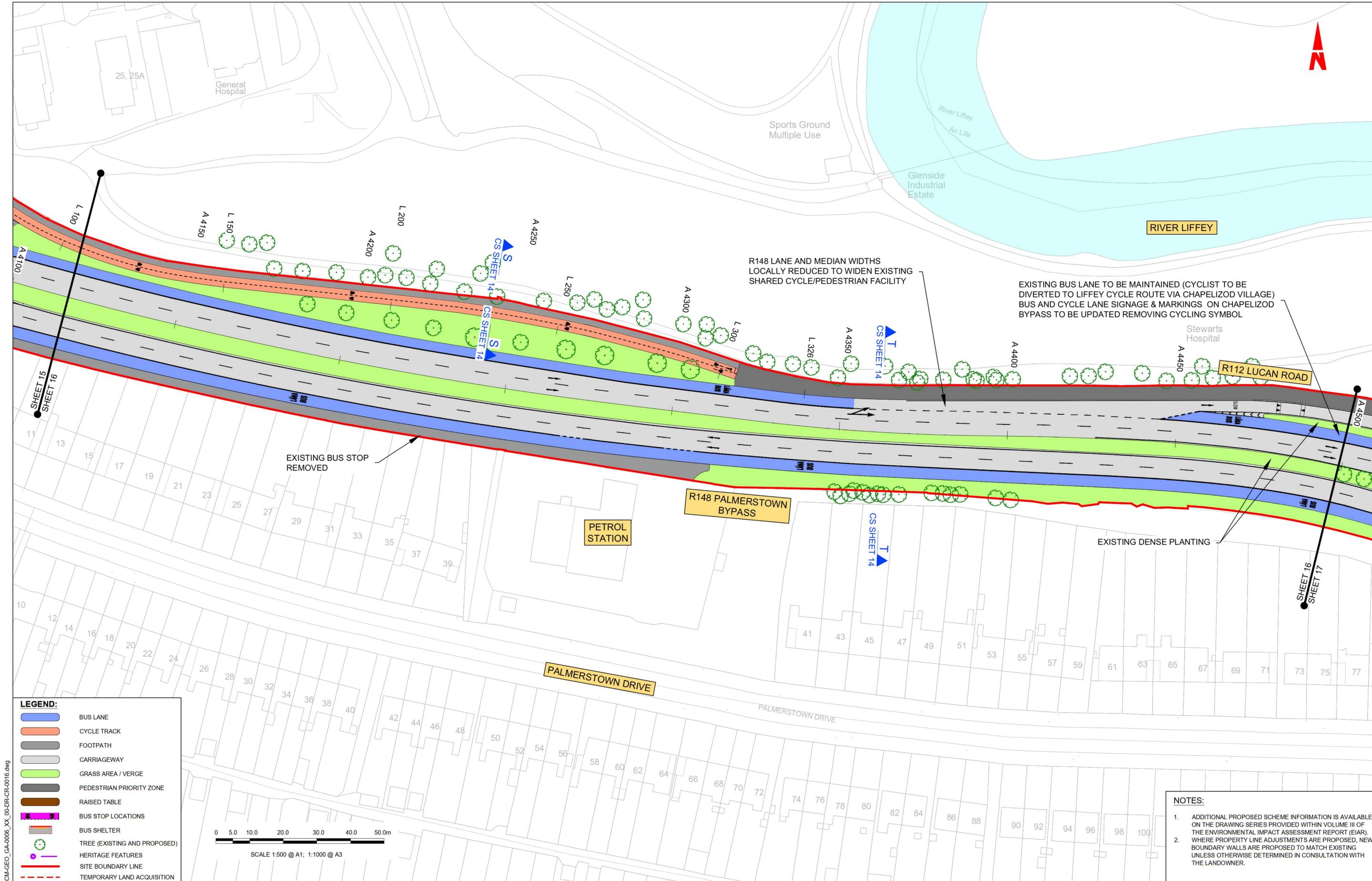
Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 30/09/22  
Scale: 1:500 @ A1, 1:1000 @ A3  
Drawn: D STEWART  
Checked: A T DALE  
Approved: C ACTON

Project Code: BCIDA  
Originator Code: ACM  
QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT</b>			
Drawing File Name: BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0015	Sheet Number: 15 of 31	Status: A	Rev: M01

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**LEGEND:**

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



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M01	30/09/22	DS	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
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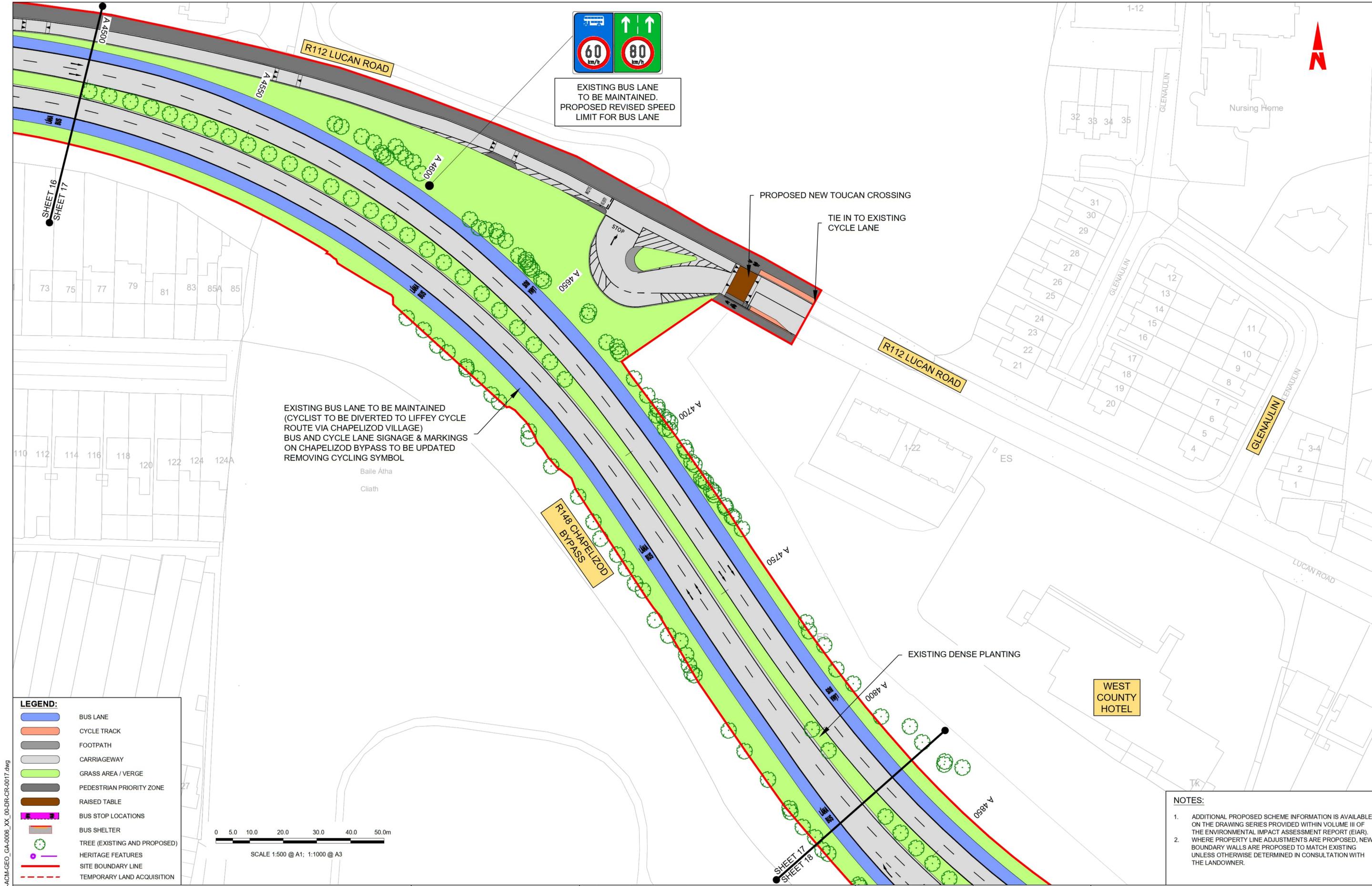
Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 30/09/22  
 Scale: 1:500 @ A1, 1:1000 @ A3  
 Drawn: D STEWART, Checked: A.T DALE, Approved: C.ACTON

Project Code: BCIDA, Originator Code: ACM, QMS Code:

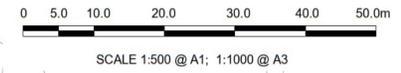
Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT</b>			
Drawing File Name: BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0016	Sheet Number: 16 of 31	Status: A	Rev: M01

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**LEGEND:**

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
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Client: **NTA** Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

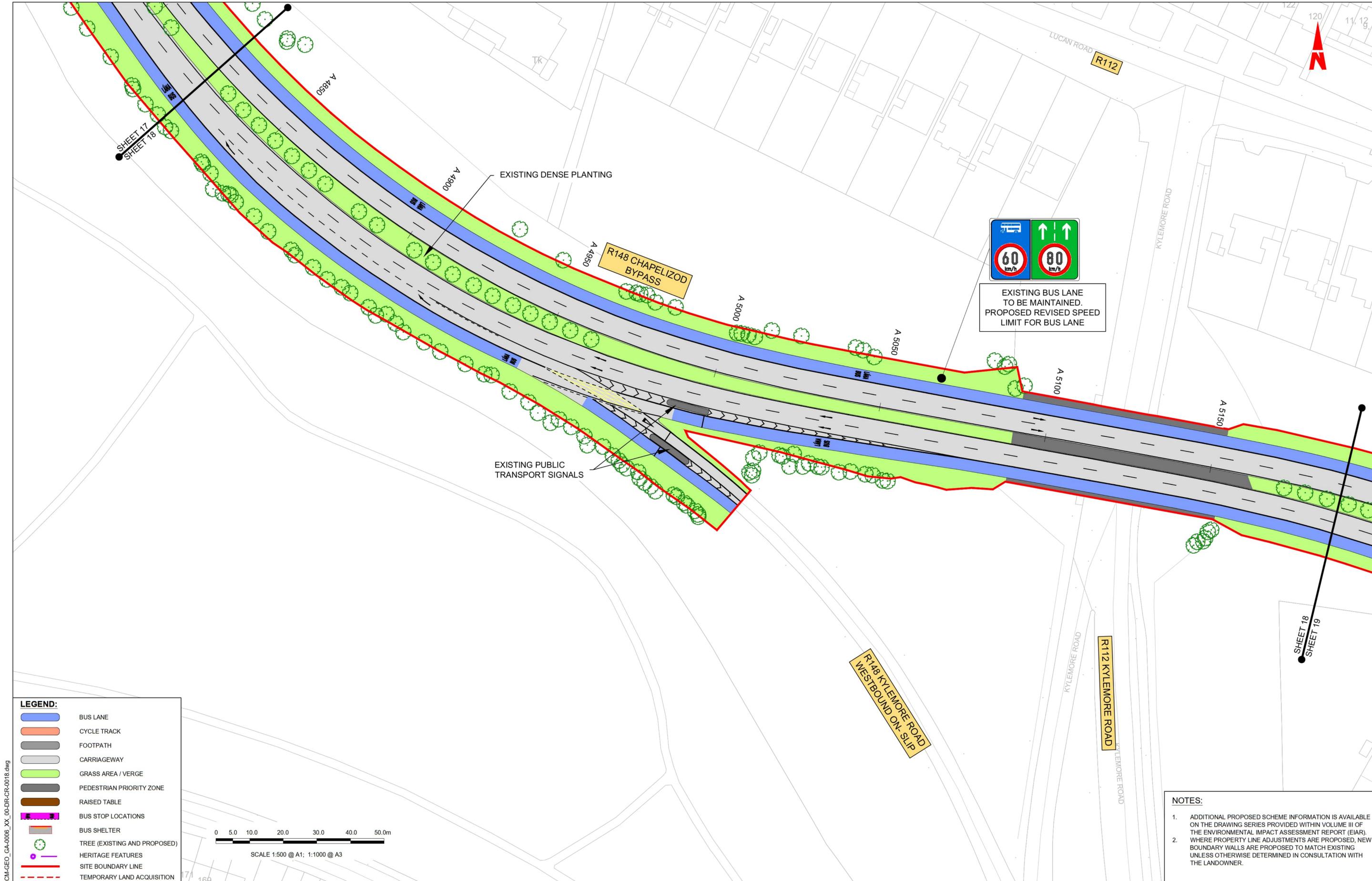
Date: 30/09/22 Scale: 1:500 @ A1, 1:1000 @ A3

Project Code: BCIDA Originator Code: ACM

Drawn: D STEWART Checked: A.T DALE Approved: C.ACTON

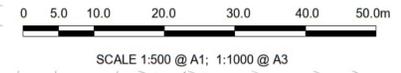
Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT</b>			
Drawing File Name: BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0017	Sheet Number: 17 of 31	Status: A	Rev: M01

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**LEGEND:**

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
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M01	30/09/22	DS	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
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National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 30/09/22  
Scale: 1:500 @ A1, 1:1000 @ A3

Project Code: BCIDA  
Originator Code: ACM

Drawn: D STEWART  
Checked: A.T DALE  
Approved: C. ACTON

QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT</b>			
Drawing File Name: BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0018	Sheet Number: 18 of 31	Status: A	Rev: M01

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**LEGEND:**

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



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Client: **NTA**  
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National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

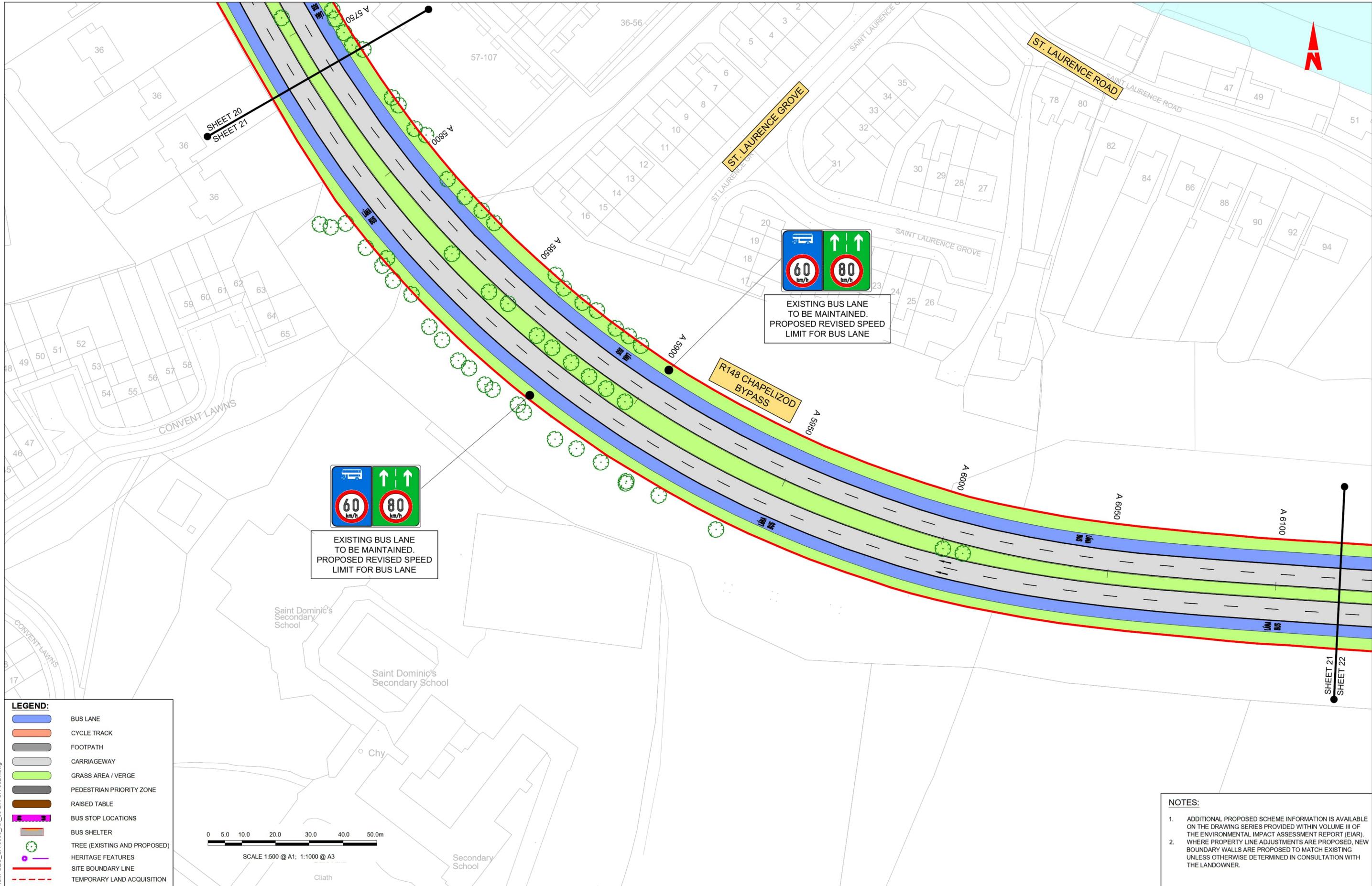
Date: 30/09/22 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: D STEWART | Checked: A.T DALE | Approved: C.ACTON

Project Code: BCIDA | Originator Code: ACM | QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT</b>			
Drawing File Name: BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0019	Sheet Number: 19 of 31	Status: A	Rev: M01

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**LEGEND:**

	BUS LANE
	CYCLE TRACK
	FOOTPATH
	CARRIAGEWAY
	GRASS AREA / VERGE
	PEDESTRIAN PRIORITY ZONE
	RAISED TABLE
	BUS STOP LOCATIONS
	BUS SHELTER
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	HERITAGE FEATURES
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M01	30/09/22	DS	AD	CA	ISSUE FOR PHASE 4: PLANNING

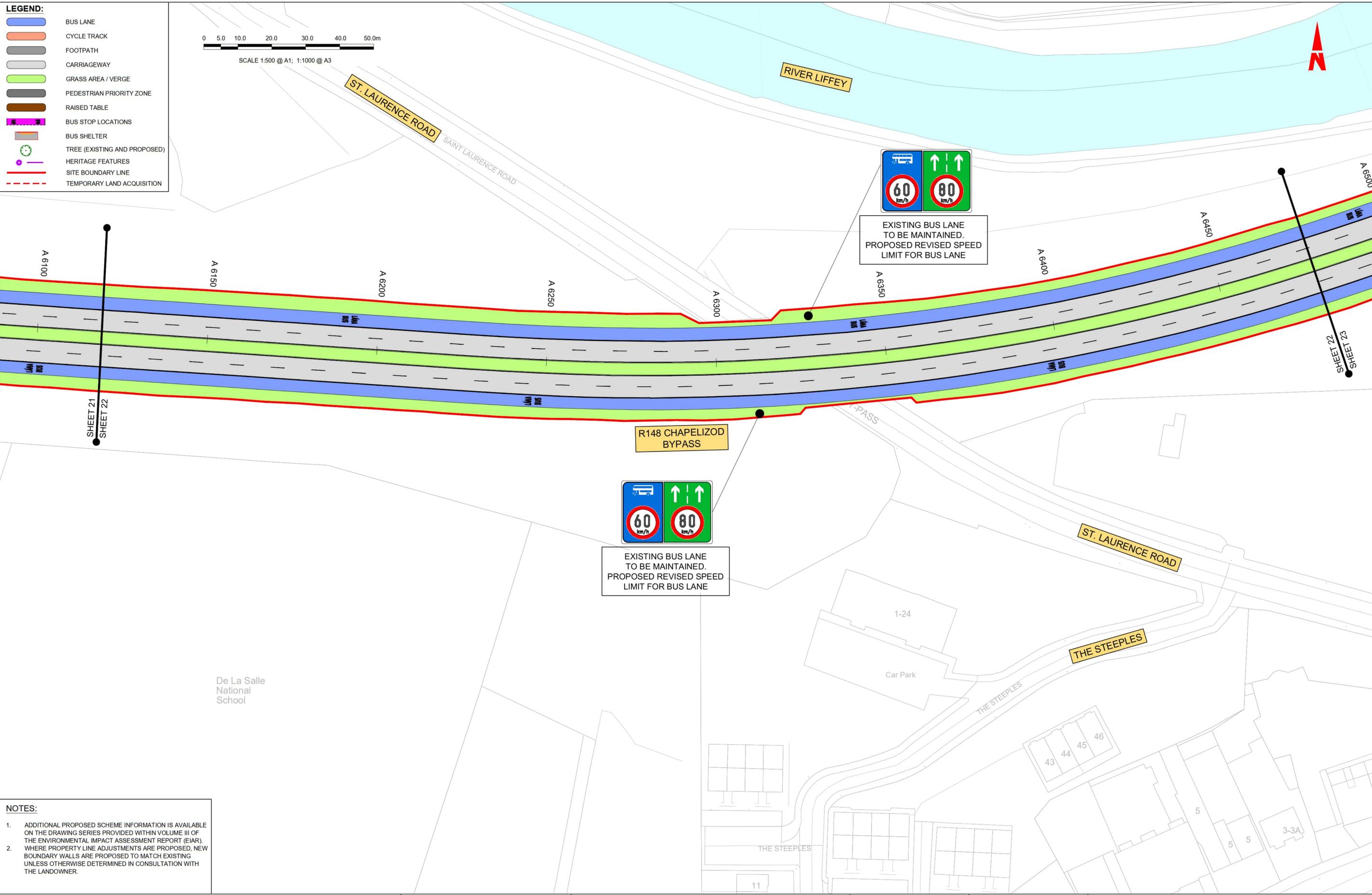
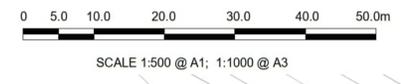
Client  
  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer  
  
 MOTT MACDONALD

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT			
Drawing File Name BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0021	Sheet Number 21 of 31	Status A	Rev M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

- LEGEND:**
-  BUS LANE
  -  CYCLE TRACK
  -  FOOTPATH
  -  CARRIAGEWAY
  -  GRASS AREA / VERGE
  -  PEDESTRIAN PRIORITY ZONE
  -  RAISED TABLE
  -  BUS STOP LOCATIONS
  -  BUS SHELTER
  -  TREE (EXISTING AND PROPOSED)
  -  HERITAGE FEATURES
  -  SITE BOUNDARY LINE
  -  TEMPORARY LAND ACQUISITION



- NOTES:**
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  2. WHERE PROPERTY LINE ADJUSTMENTS ARE PROPOSED, NEW BOUNDARY WALLS ARE PROPOSED TO MATCH EXISTING UNLESS OTHERWISE DETERMINED IN CONSULTATION WITH THE LANDOWNER.

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Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
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M01	30/09/22	DS	AD	CA	ISSUE FOR PHASE 4: PLANNING

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 National Transport Authority

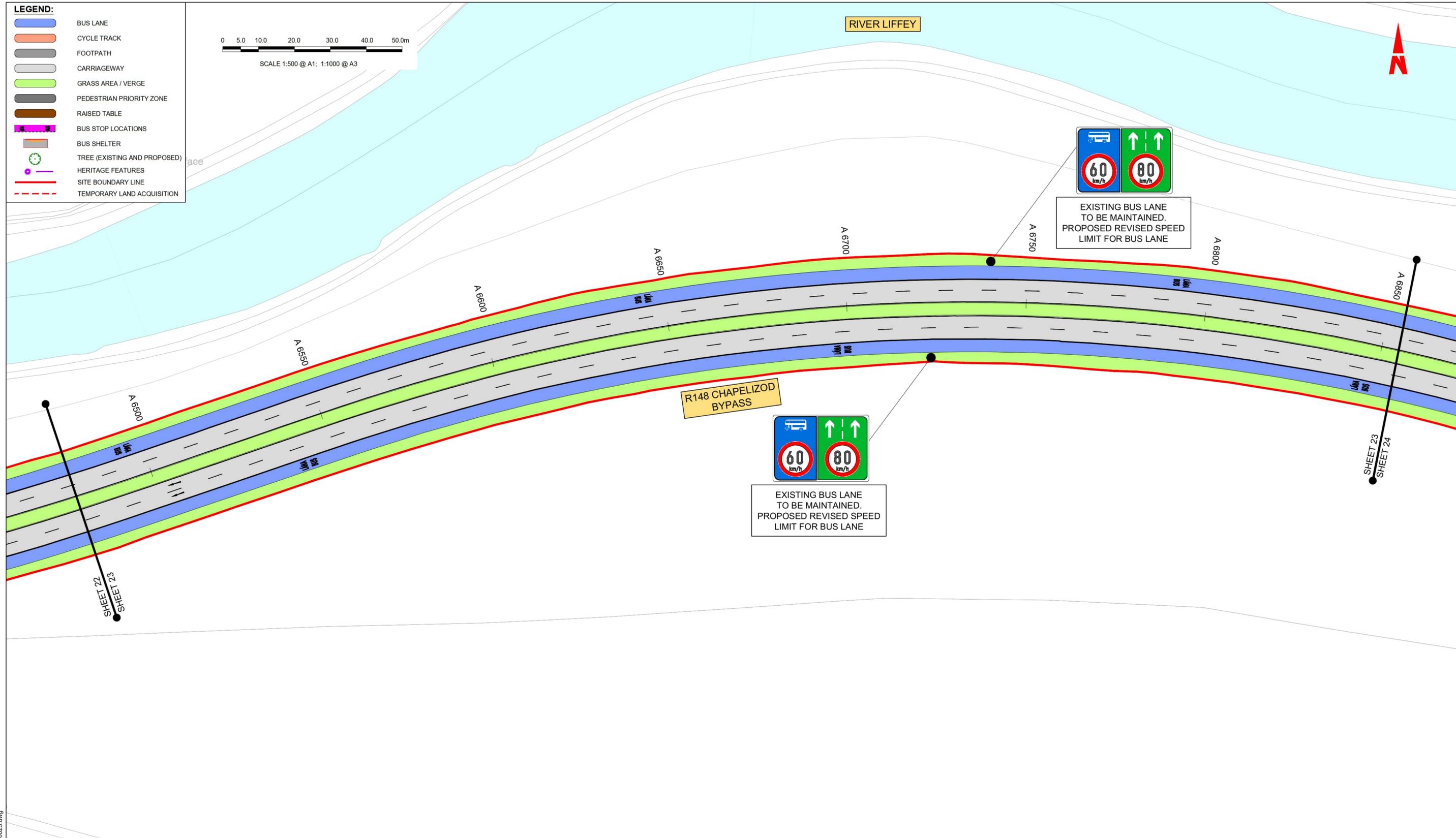
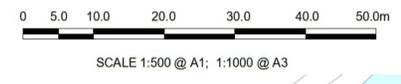
Engineering Designer  
 

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT			
Drawing File Name BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0022	Sheet Number 22 of 31	Status A	Rev M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

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- LEGEND:**
-  BUS LANE
  -  CYCLE TRACK
  -  FOOTPATH
  -  CARRIAGEWAY
  -  GRASS AREA / VERGE
  -  PEDESTRIAN PRIORITY ZONE
  -  RAISED TABLE
  -  BUS STOP LOCATIONS
  -  BUS SHELTER
  -  TREE (EXISTING AND PROPOSED)
  -  HERITAGE FEATURES
  -  SITE BOUNDARY LINE
  -  TEMPORARY LAND ACQUISITION



- NOTES:**
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  2. WHERE PROPERTY LINE ADJUSTMENTS ARE PROPOSED, NEW BOUNDARY WALLS ARE PROPOSED TO MATCH EXISTING UNLESS OTHERWISE DETERMINED IN CONSULTATION WITH THE LANDOWNER.

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**Project Ireland 2040**  
 Building Ireland's Future

Rev	Date	Dm	Chk'd	App'd	Description
M01	30/09/22	DS	AD	CA	ISSUE FOR PHASE 4: PLANNING

**Client**  
 NTA  
 Údarás Náisiúnta Iompair  
 National Transport Authority

**Engineering Designer**  
 AECOM  
 MOTT MACDONALD

**Drawn** D STEWART  
**Checked** A.T DALE  
**Approved** C.ACTON

**Date** 30/09/22  
**Scale** 1:500 @ A1  
 1:1000 @ A3

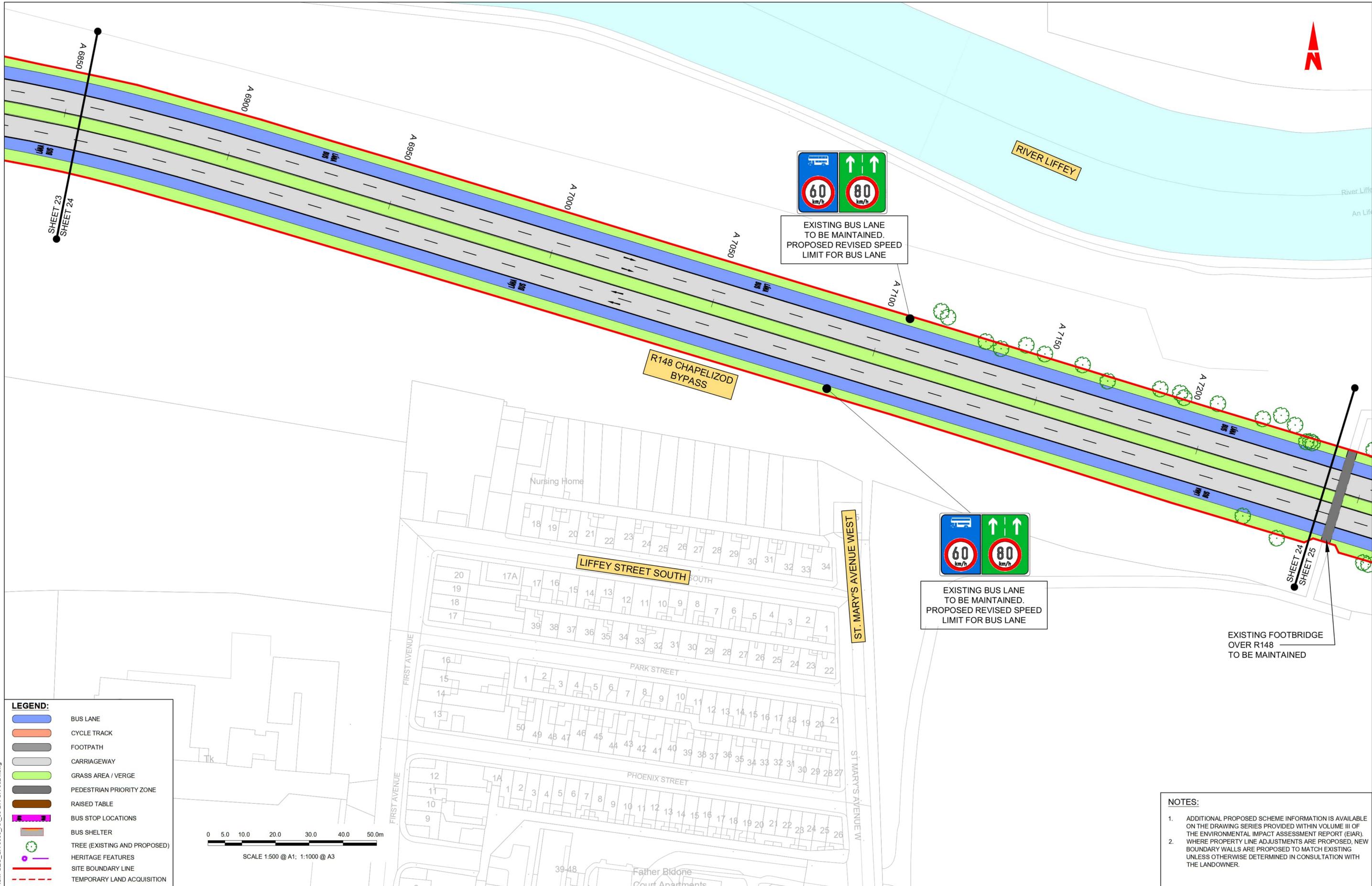
**Project Code** BCIDA  
**Originator Code** ACM  
**QMS Code**

**Programme Title**  
 BUSCONNECTS DUBLIN  
 CORE BUS CORRIDORS INFRASTRUCTURE WORKS

**Drawing Title**  
 LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
 GENERAL ARRANGEMENT

<b>Drawing File Name</b> BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0023	<b>Sheet Number</b> 23 of 31	<b>Status</b> A	<b>Rev</b> M01
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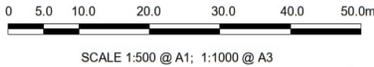
EXISTING BUS LANE TO BE MAINTAINED. PROPOSED REVISED SPEED LIMIT FOR BUS LANE

EXISTING BUS LANE TO BE MAINTAINED. PROPOSED REVISED SPEED LIMIT FOR BUS LANE

EXISTING FOOTBRIDGE OVER R148 TO BE MAINTAINED

**LEGEND:**

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
- BUS SHELTER
- TREE (EXISTING AND PROPOSED)
- HERITAGE FEATURES
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



- NOTES:**
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M01	30/09/22	DS	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client  
**NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer  
**AECOM** **MOTT MACDONALD**

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT			
Drawing File Name BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0024	Sheet Number 24 of 31	Status A	Rev M01

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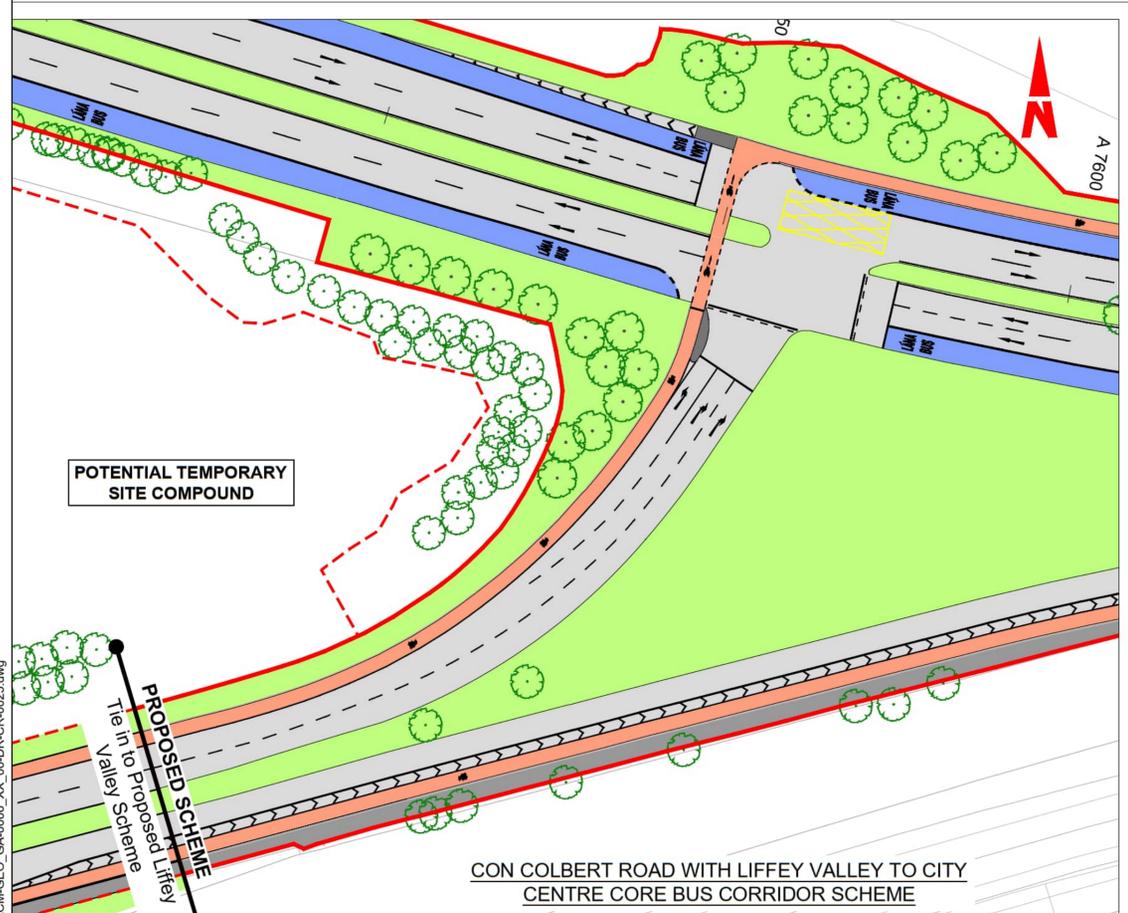
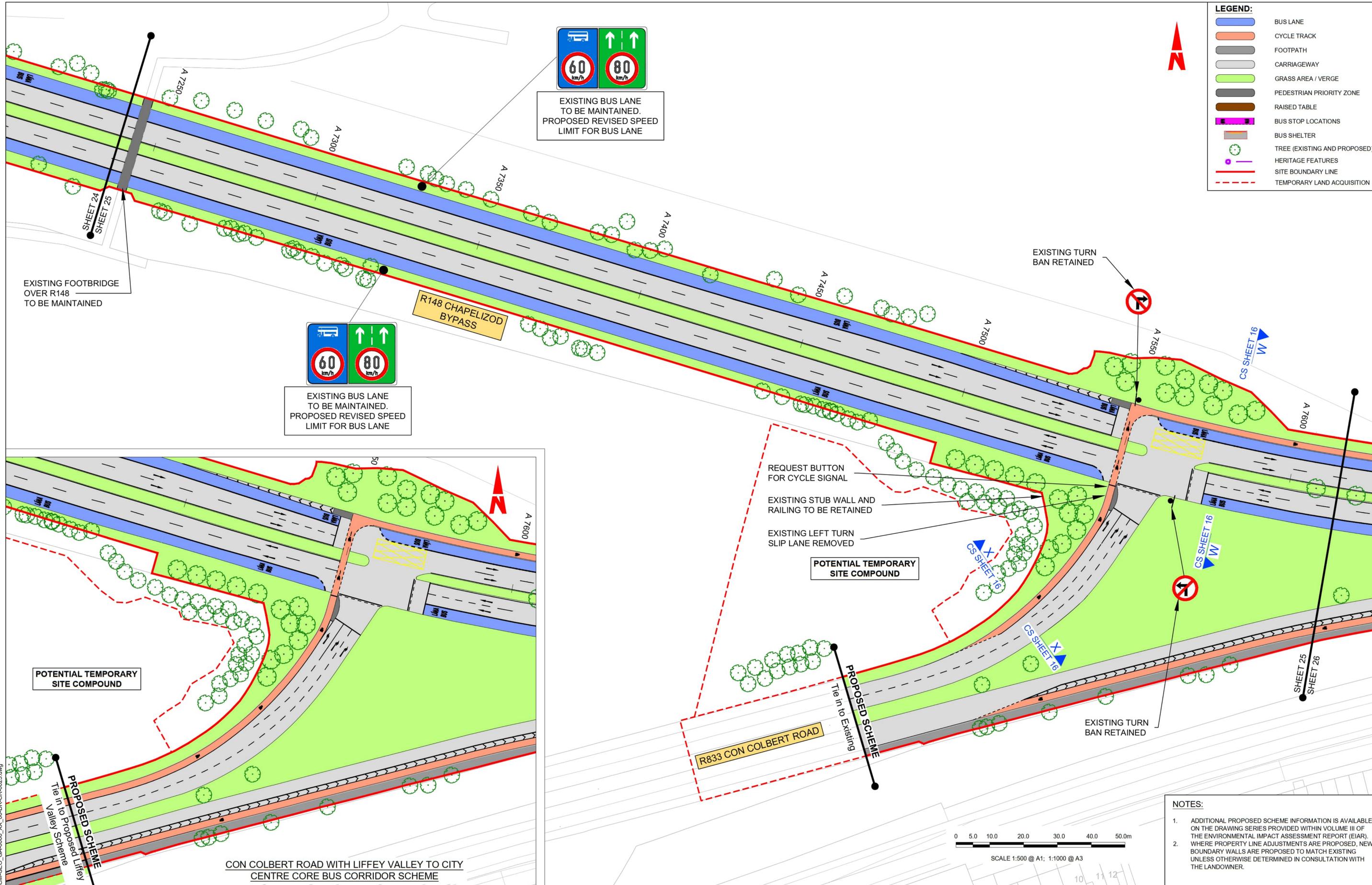
	BUS LANE
	CYCLE TRACK
	FOOTPATH
	CARRIAGEWAY
	GRASS AREA / VERGE
	PEDESTRIAN PRIORITY ZONE
	RAISED TABLE
	BUS STOP LOCATIONS
	BUS SHELTER
	TREE (EXISTING AND PROPOSED)
	HERITAGE FEATURES
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION



EXISTING BUS LANE TO BE MAINTAINED. PROPOSED REVISED SPEED LIMIT FOR BUS LANE



EXISTING BUS LANE TO BE MAINTAINED. PROPOSED REVISED SPEED LIMIT FOR BUS LANE



- NOTES:**
- ADDITIONAL PROPOSED SCHEME INFORMATION IS AVAILABLE ON THE DRAWING SERIES PROVIDED WITHIN VOLUME III OF THE ENVIRONMENTAL IMPACT ASSESSMENT REPORT (EIA), WHERE PROPERTY LINE ADJUSTMENTS ARE PROPOSED. NEW BOUNDARY WALLS ARE PROPOSED TO MATCH EXISTING UNLESS OTHERWISE DETERMINED IN CONSULTATION WITH THE LANDOWNER.

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Project Ireland 2040  
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Rev	Date	Dm	Chk'd	App'd	Description
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Client: **NTA**  
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 National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 30/09/22  
 Scale: 1:500 @ A1, 1:1000 @ A3  
 Drawn: D STEWART  
 Checked: A.T DALE  
 Approved: C.ACTON

Project Code: BCIDA  
 Originator Code: ACM  
 QMS Code:

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

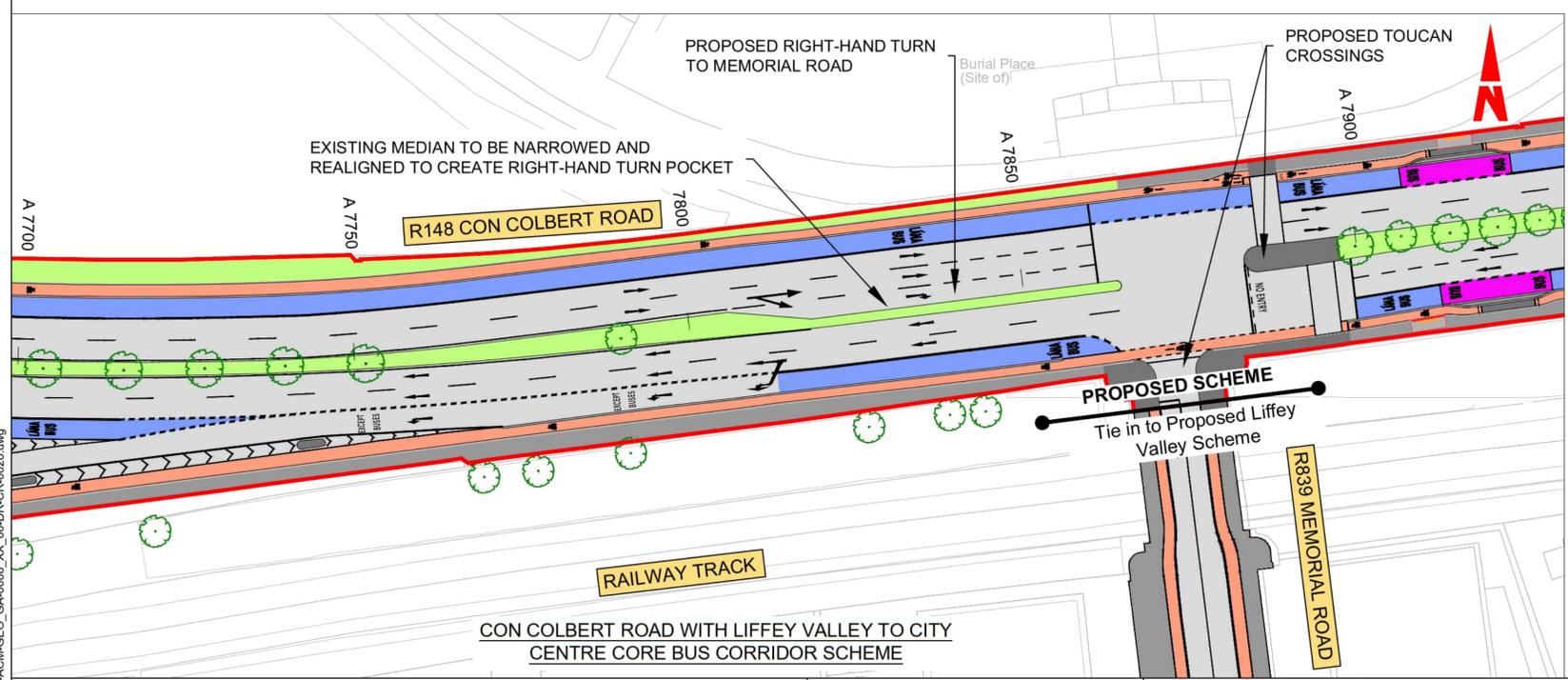
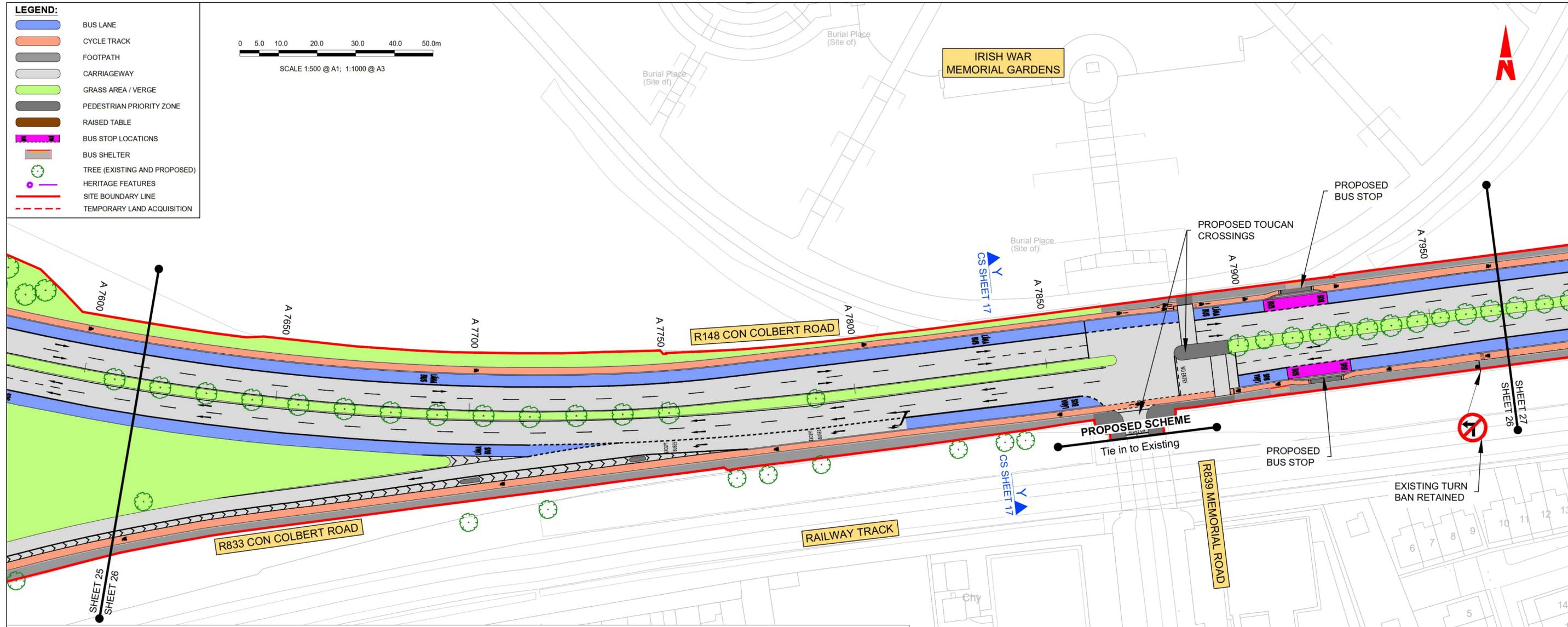
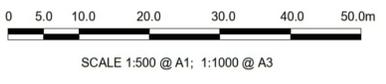
Drawing Title: **LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT**

Drawing File Name: BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0025	Sheet Number: 25 of 31	Status: A	Rev: M01
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**LEGEND:**

	BUS LANE
	CYCLE TRACK
	FOOTPATH
	CARRIAGEWAY
	GRASS AREA / VERGE
	PEDESTRIAN PRIORITY ZONE
	RAISED TABLE
	BUS STOP LOCATIONS
	BUS SHELTER
	TREE (EXISTING AND PROPOSED)
	HERITAGE FEATURES
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION



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Client  
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 National Transport Authority

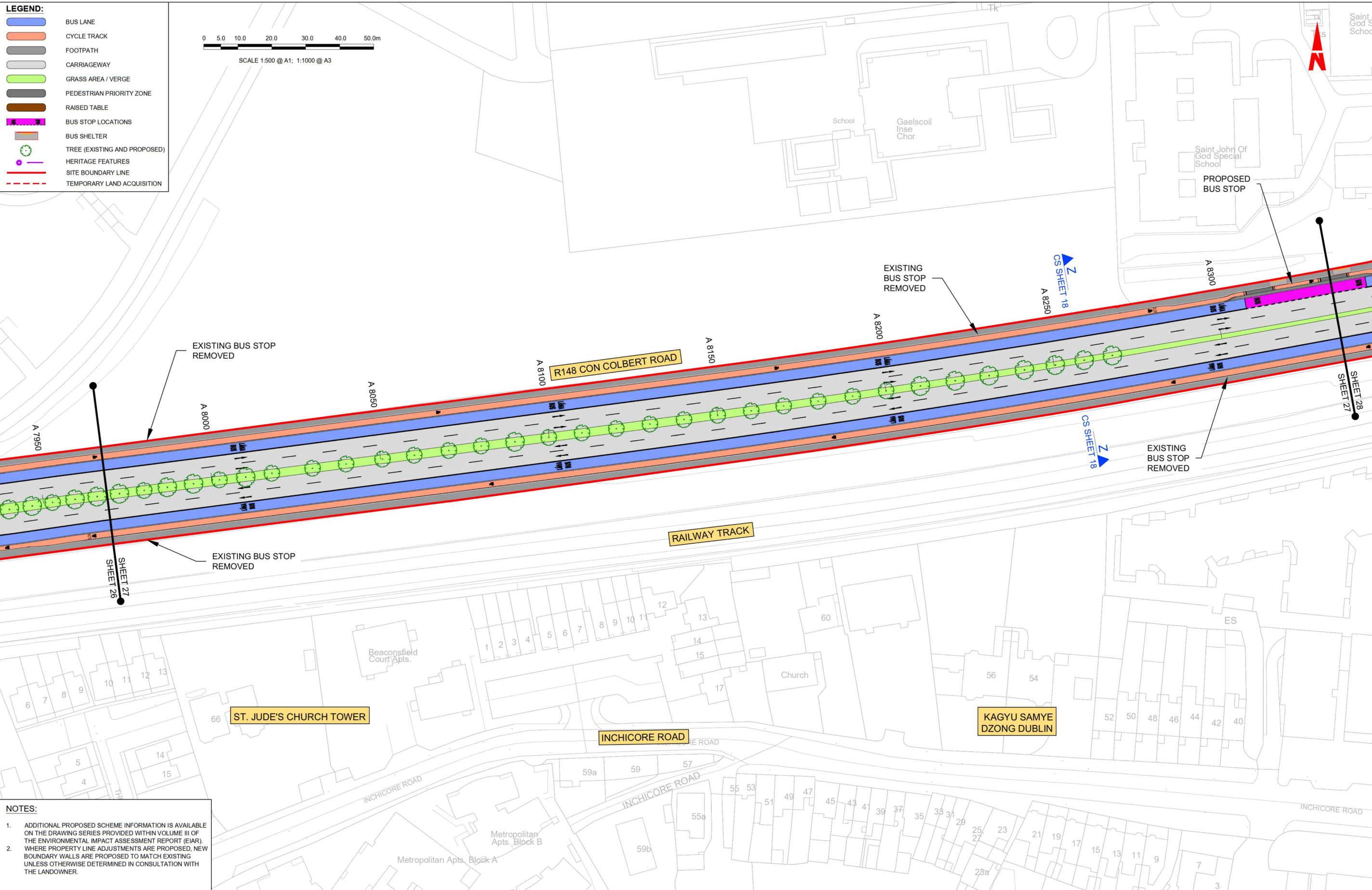
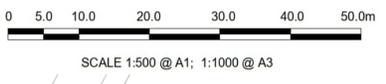
Engineering Designer  
**AECOM** **M**  
**MOTT** **M**  
**MACDONALD**

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT			
Drawing File Name BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0026	Sheet Number 26 of 31	Status A	Rev M01

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**LEGEND:**

-  BUS LANE
-  CYCLE TRACK
-  FOOTPATH
-  CARRIAGEWAY
-  GRASS AREA / VERGE
-  PEDESTRIAN PRIORITY ZONE
-  RAISED TABLE
-  BUS STOP LOCATIONS
-  BUS SHELTER
-  TREE (EXISTING AND PROPOSED)
-  HERITAGE FEATURES
-  SITE BOUNDARY LINE
-  TEMPORARY LAND ACQUISITION



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M01	30/09/22	DS	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
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 National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 30/09/22  
 Scale: 1:500 @ A1, 1:1000 @ A3  
 Project Code: BCIDA  
 Originator Code: ACM

Drawn: D STEWART  
 Checked: A T DALE  
 Approved: C ACTON

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: **LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT**

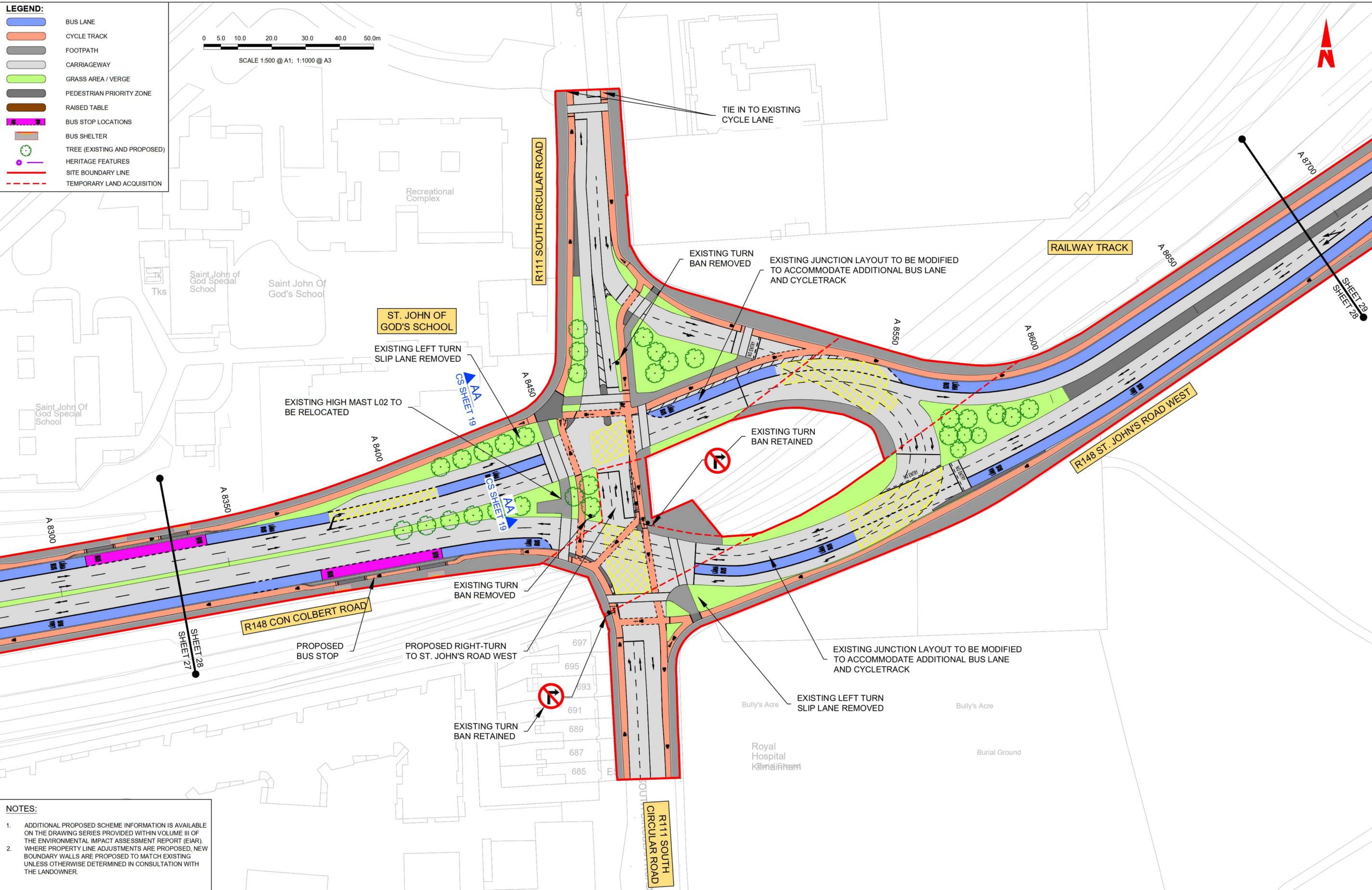
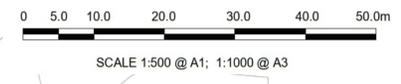
Drawing File Name: BCIDA-ACM-GEO\_GA-0006\_XX\_00-DR-CR-0027  
 Sheet Number: 27 of 31  
 Status: A  
 Rev: M01

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**LEGEND:**

-  BUS LANE
-  CYCLE TRACK
-  FOOTPATH
-  CARRIAGEWAY
-  GRASS AREA / VERGE
-  PEDESTRIAN PRIORITY ZONE
-  RAISED TABLE
-  BUS STOP LOCATIONS
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Rev	Date	Dm	Chk'd	App'd	Description
M01	30/09/22	DS	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client  
  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer  
 

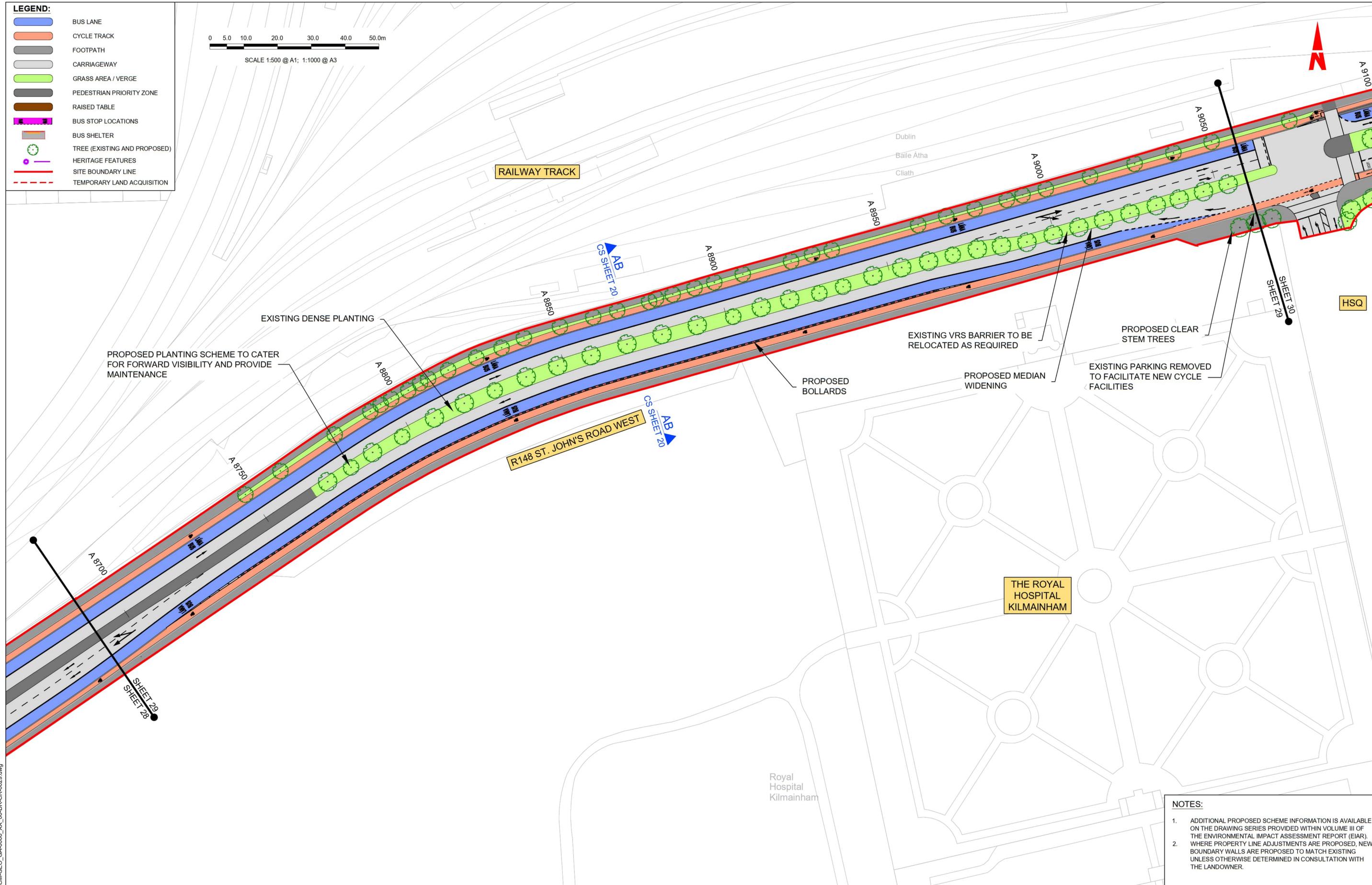
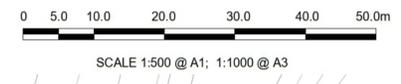
Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT			
Drawing File Name BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0028	Sheet Number 28 of 31	Status A	Rev M01

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**LEGEND:**

-  BUS LANE
-  CYCLE TRACK
-  FOOTPATH
-  CARRIAGEWAY
-  GRASS AREA / VERGE
-  PEDESTRIAN PRIORITY ZONE
-  RAISED TABLE
-  BUS STOP LOCATIONS
-  BUS SHELTER
-  TREE (EXISTING AND PROPOSED)
-  HERITAGE FEATURES
-  SITE BOUNDARY LINE
-  TEMPORARY LAND ACQUISITION



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Client  
**NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer  
**AECOM** **M**  
**MOTT MACDONALD**

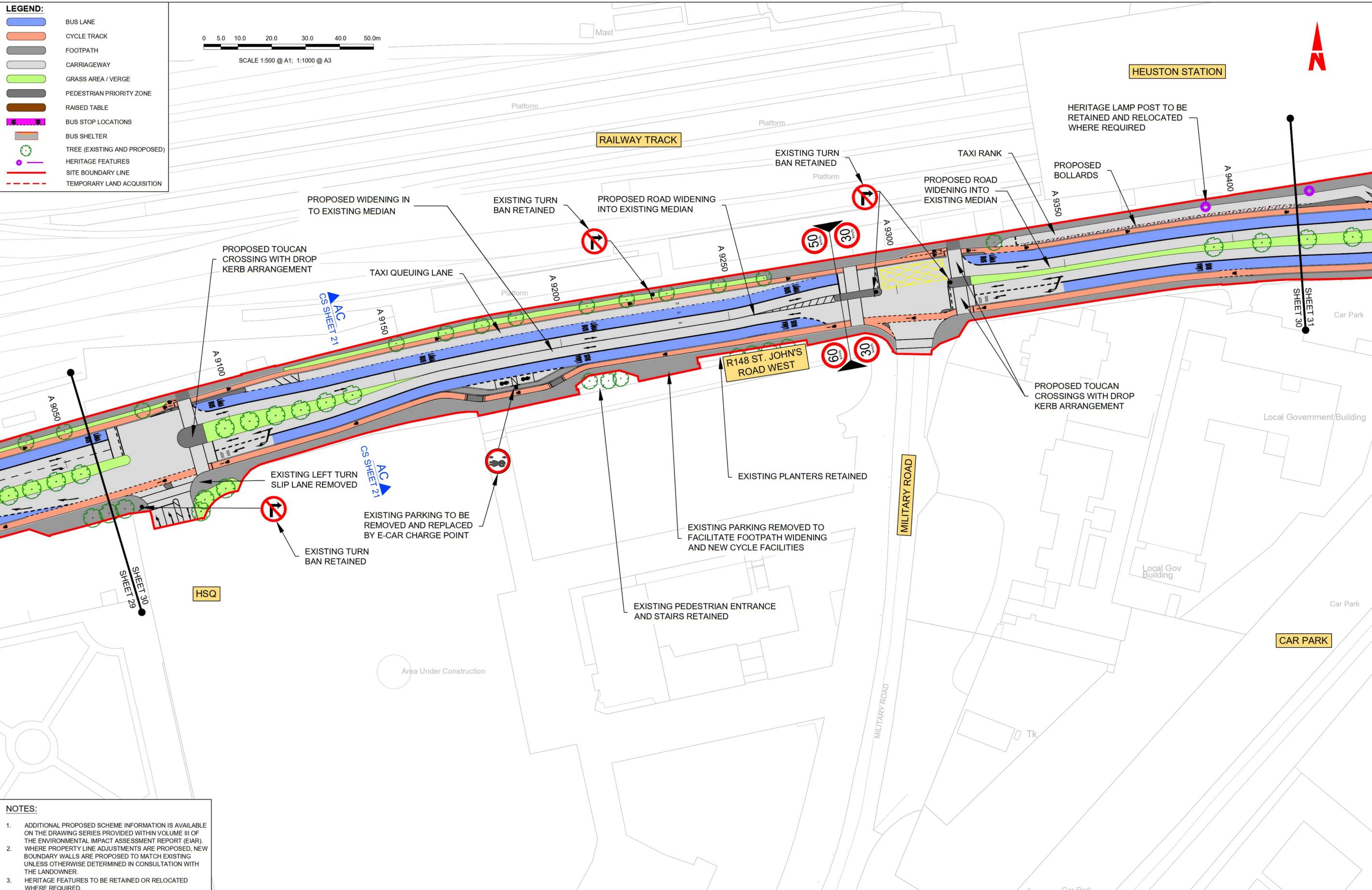
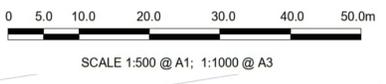
Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT			
Drawing File Name BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0029	Sheet Number 29 of 31	Status A	Rev M01

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**LEGEND:**

-  BUS LANE
-  CYCLE TRACK
-  FOOTPATH
-  CARRIAGEWAY
-  GRASS AREA / VERGE
-  PEDESTRIAN PRIORITY ZONE
-  RAISED TABLE
-  BUS STOP LOCATIONS
-  BUS SHELTER
-  TREE (EXISTING AND PROPOSED)
-  HERITAGE FEATURES
-  SITE BOUNDARY LINE
-  TEMPORARY LAND ACQUISITION



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  3. HERITAGE FEATURES TO BE RETAINED OR RELOCATED WHERE REQUIRED.

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Client: **NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 30/09/22  
 Scale: 1:500 @ A1, 1:1000 @ A3  
 Project Code: BCIDA  
 Originator Code: ACM  
 QMS Code:

Drawn: D STEWART  
 Checked: A.T DALE  
 Approved: C.ACTON

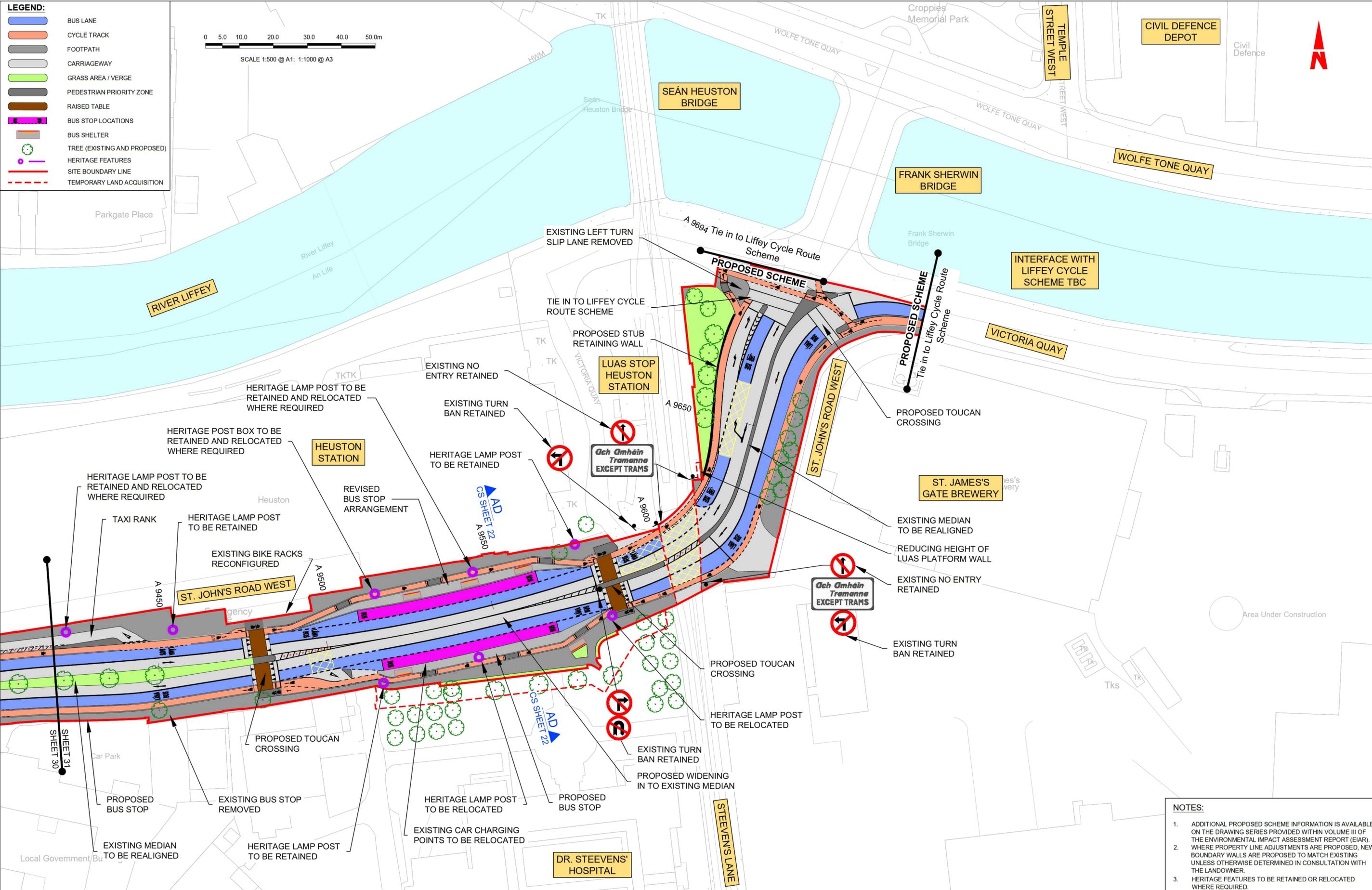
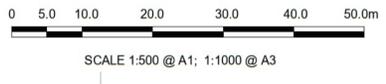
Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT</b>			
Drawing File Name: BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0030	Sheet Number: 30 of 31	Status: A	Rev: M01

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**LEGEND:**

- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- RAISED TABLE
- BUS STOP LOCATIONS
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Client: **NTA** Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: **AECOM** MOTT MACDONALD

Date: 30/09/22 Scale: 1:500 @ A1, 1:1000 @ A3

Project Code: BCIDA Originator Code: ACM

Drawn: D.STEWART Checked: A.T.DALE Approved: C.ACTON

QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME GENERAL ARRANGEMENT</b>			
Drawing File Name: BCIDA-ACM-GEO_GA-0006_XX_00-DR-CR-0031	Sheet Number: 31 of 31	Status: A	Rev: M01

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